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Russian Forestry Review Nº 4

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Forest farms Pine SiberiaTimber processing Volga Federal District Annual allowable cut Wood-sawing OSB Windfalls Panelboard Wood panel plants Forest roads Nizhny Novgorod Region Forest code Bioenergy Forestry Plywood Forest planning Pellets Flooring Ural Climate for investors Coniferous Illegal felling Packaging Forest inventory Forest fires Central Federal District Raw materials Russian GDP Kirov Region Sawmilling Assets Hardwood Perm Krai Larch Kostroma Region MDF Government support Republic of Tatarstan Birch Chipboard Fiberboard Forest Vladimir Region Forest Forest Planner Chipboard Fiberboard Forest Vladimir Region Doors Cross cut saws Doors Cross cut saws Federal Forestry Agency Climate for producers Lists of companies Russian investment conditions Wood panels industry Global financial crisis Russian forest legislation Yaroslavl Region Roundwood Cardboard Laminate flooring Contact data Post-crisis environment Foreign view to Russian timber market, Foreign investment **Bryansk Region** Pulp-and-paper wood products National priority programs Gross domestic product Wood construction Furniture Wood-cutting area Timber merchants Kaluga Region Down payment Asia Business Climate Main business partners Republic of Bashkortostan Business opportunities Harvesting Return on investment Delivery terms Pallet **Ulyanovsk** Region Sustainable forest management



Solid sawn lumber Wood-based panels Russia's strengths Aspen Moscow Region Chipper Gross area Forest roads Russian timber market Production Raw materials Bark Veneer Output volumes Demand



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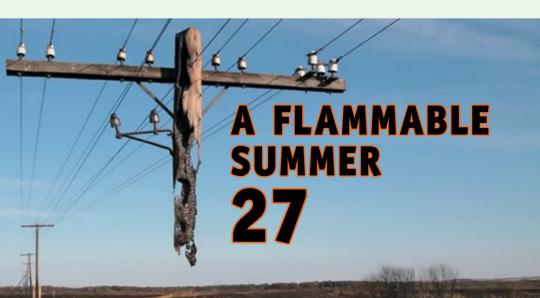
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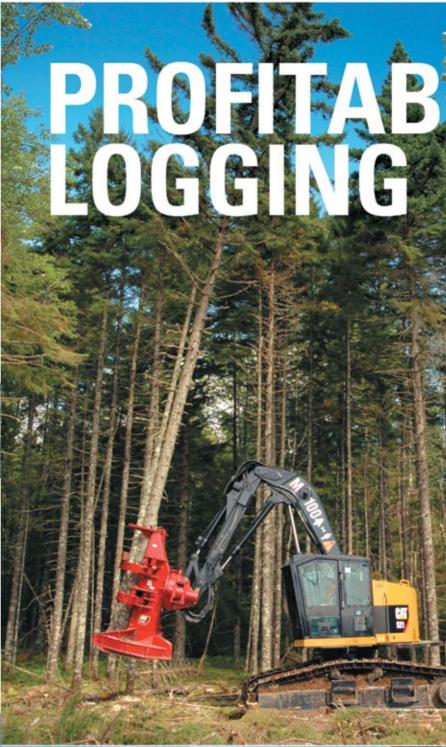
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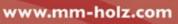
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ALL TREES HAVE A CROWN, **BUT NOT ALL** TIMBER.



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Forest sector as a whole you will get the leading role

LADIES AND GENTLEMEN!

You are holding the latest copy of the Englishlanguage digest of a survey of the Russian forestry complex – Russian Forestry Review № 4.The key theme of the articles in this issue is an analysis of how the Russian forest industry has overcome the global crisis, which undoubtedly had a strong impact on the alignment of forces on the world timber products market.

The Russian economy survived the serious phase of the crisis, although at the cost of major losses. Many companies that were among the leaders by the volume of deals and investments before autumn 2008 went bankrupt, or lost a considerable part of their assets. In summer 2008, the majority of experts, both in Russia and abroad, were certain that a slump in the world economy would not significantly harm Russia, or other BRIC countries. Companies actively took out loans to develop their business, assuming that there would be an increase in sales, and banks gladly gave them loans, without taking much trouble to check the financial stability of firms.

In October 2008, the Russian market literally collapsed, and analysts have yet to work out why negative phenomena snowballed to such an extent. The forestry complex was among the industries that suffered the most. There are many reasons for this. Even in the successful year of 2007, the majority of Russian forestry enterprises were only just breaking even, because of outdated facilities and technologies. Furthermore, the Russian forestry industry was at a stage of extensive reforms at the time, and furthermore it was often difficult to say

that the state's decisions were consistent. As a result of the reforms, the logging industry suffered **above all**, and the crisis that followed finished the job - over half of all logging enterprises closed down. Another reason was the low level of domestic consumption of wood products in Russia. Major Russian forestry enterprises – almost 80% of all production in the industry - were in severe dependence on the situation on the international market.

The previous issue of RFR was printed literally at the height of the crisis, at the start of 2009, and at that time it was extremely difficult to make any forecasts. Today we may already sum up the results of work in the crisis and post-crisis period, i.e. enterprises that experienced financial difficulties either closed down, or paid off their debts, or were able to reconstruct them.

The economy of the industry is recovering, although quite slowly - business is being careful, preferring to invest its own funds in production, and is reluctant to take out loans. In this issue, you can read about what trends currently predominate in the Russian forestry complex.

For their participation in the preparation of Russian Forestry Review № 4, we would like to thank the companies Pövry, Indufor, BIS Shrapnel, Finnish Forest Research Institute, and also al the experts and journalists who wrote the articles presented here.

We would also like to express our special gratitude to the companies John Deere, Caterpillar and Mayr

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THE RUSSIAN FORESTRY **COMPLEX: A GENERAL OVERVIEW**

FINANCIAL RECOVERY

The year 2009 was, just as in other countries, challenging in Russia.

However, in 2010 it seems that Russia has recovered from the worst and is well on the way towards growth. Relatively fast growth in China, India and some other developing countries is likely to keep oil and gas prices high, stimulating Russia's recovery.

Figure 1-1 shows that the International Monetary Fund (IMF) has forecast 70% growth between 2009 and 2014 for the Russian economy. Growth is forecast to remain around 3-5%, compared with 5-8% earlier, but is still high compared with the European Union (EU) or the United States (U.S.). Industrial production fell by some 10.8% in 2009, but January 2010 saw an increase of 7.8%¹. Part of the recovery is explained by higher raw material prices on world markets, and partly by the federal crisis management budget. The crisis budget for 2009 was 1.2 trillion rubles,

or the equivalent of 12% of the budget or 3% of the Gross Domestic Product (GDP).

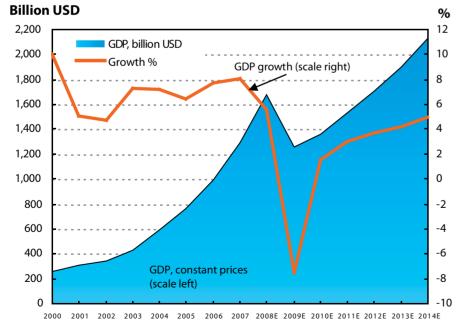
Additional funds came from the Central Bank. Most of the support was meant for the strategic private sector, such as the car industry and banking sector.

The crisis budget for 2010 is some 195 billion rubles, along with 230 billion rubles that was not used in 2009 and was accordingly transferred to the 2010 budget.

The 2010 budget is mainly focused on the manufacturing sector, with strategic companies receiving the lion's share. However, there is a budget of 15 billion rubles for apartment building and reconstruction, which could help the forestry products industry².

FORESTRY INDUSTRY SITUATION IN 2009

The year 2009 was challenging for the Russian forestry industry. According to the Ministry of





¹ Bank of Finland 5.3.2010

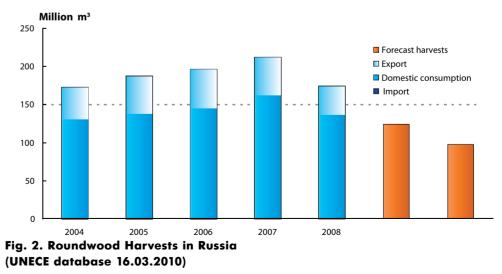
Table 1. Industrial Production H1/2009 and H2/2010 (Russian Federal State Statistics Service in July 2010)

Forestry Industry	Change H1/2009 to H1/2010, %			
Sawn wood	+6.0			
Poles	+7.5			
Sleepers	-12.0			
Particleboard	+24.00			
Fiberboard	+9.5			
Plywood	+31.9			
Doors	+0.3			
Windows	+3.8			
Flooring	+4.2			
Pulp	+7.5			
Paper	+7.0			
Cartonboard	+1.5			
Pellets	+11.8			
Wooden houses	+17.6			

Industry and Trade, forestry industry production in 2009 represented only 89% of the previous year. For the wood industry, the share for 2009 was 82% of 2008. The largest drop was in the wood products industry, since the pulp-and-paper industry fell only 2% from the previous year.

In all industries, the last quarter of 2009 was the easiest. In particular, areas close to the Sino-Russian border have recovered faster due to continued interest from China³.

However, it is clear that the situation is improving. Figure 2-1 shows the Rosstat figures for the first



³ Ministry of Industry and Trade of the Russian Federation

It might be worth noting that the investments marked under Cyprus were mostly investments by Russian companies through their operations in Cyprus.

The foreign pulp-and-paper sector invested some 1.2 billion USD in 2009. The largest investors were Germany, Austria and Finland.

There is awakening interest in the forestry industry, as expressed by industrial players within the field. However, wood products and pulp-andpaper industries together represented less than 3% of total foreign investments in the country, a number around the forest industry's relative share of the GDP. The investments did not quite cover the massive capital outflows that took place at



half-year results for 2009 and 2010. Wooden furniture is not classified together with other woodbased products. However, since panelboards are used for furniture production, it can be assumed that the furniture industry concentrating on wooden furniture grew some 10 %.

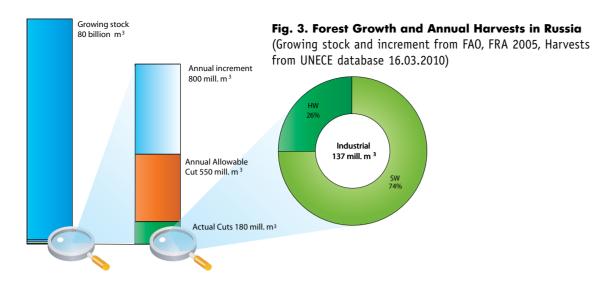
INVESTMENTS IN RUSSIA

Investment in the Forestry Industry in 2009

Foreign investment in Russia amounted to some 82 billion USD in 2009, or 21% less than the previous year⁴. Most investments were made toward the end of the year.

The wood products industry gained some 682 million USD. Cyprus represented the largest investor, and Finland the second largest, in the wood products sector. However, this probably excludes small-scale Chinese sawmill investments in the Sino-Russian border region.

² Vedomosti



the start of the crisis. Total capital outflows from Russia reached USD 130 billion during 2008⁵ and USD 62 billion from January – September 2009⁶. However, the last guarter of 2009 saw a shift in the trend back towards more investment in Russia than capital outflow.

Ways to Increase Investment

Russia has lately been a goal for investors after fast money. The forestry industry is by nature a long term investment. However, due to its raw material base it is a sustainable, long-term industry utilising domestic raw materials and, thus, of great interest for local governments and institutions. There have already been signs of budding interest from energy companies willing to invest outside their current operations into areas in which raw material depletion is not an issue.

There are several ways to increase investment willingness in the forestry industry. The construction of forest roads and infrastructure would enable access to non-utilised forest resources. Russian authorities have calculated that the immediate need would be some 10,000 km of roads at an approximate cost of 50 billion rubles (1.7 billion USD)7.

Decreasing foreign uncertainty regarding Russian investment conditions would guickly increase investment interest.

According to the latest Economic Freedom of the World index⁸, Russia was in 83rd position, showing an uncertainty among the expert panel towards investments in Russia. On the World Bank (International Bank for Reconstruction and Development (WB/IBRD) Doing Business 2010 edition, Russia was ranked 120th out of 183 countries, down two positions from 2009.

The demographic situation in Russia is slowly becoming an issue in labor-intensive areas such as forest operations. Russia has had a very low birth rate since 1992 and the new graduate classes entering working life around now are distinctly smaller than previous generations. However, Russian forest resources and reasonably inexpensive energy are likely to drive investments in the Russian forestry industry on a medium to long term. Increased global transport costs

Table 2. Russian Roundwood Export Tariffs (Russian government decree no. 1071, issued 23.12.2009)

Date	Duty*	Minimum duty*	Species
01.01.2010 - 31.12.2010	25% 0% 10%	15 EUR/m ³ 0 EUR/m ³ 5 EUR/m ³ 100 EUR/m ³	Spruce, pine, birch > 15 cm Birch < 15 cm Aspen Valuable HW species (oak, beech, ash, etc.)
01.01.2011- 31.12.2011	80% 0% 80%	50 EUR/m ³ 0 EUR/m ³ 50 EUR/m ³ 100 EUR/m ³	Spruce, pine, birch > 15 cm Birch < 15 cm Aspen Valuable HW species (oak, beech, ash, etc.)

* Calculated from value in customs declaration

⁵ Alan Rousso, EBRD, 2009

⁶ RIA Novosti 05.10.2009

⁷ The EU-Russia Industrialists Round Table (IRT), 10th General Meeting in Cannes in 2008 ⁸ Fraser Institute 2009 report

have also increased investment interest. Some investors are interested in the guickly growing domestic markets, and some in European or Asian export markets, where the higher the production, the less the transportation cost affects the end price. Most transportation cost forecasts show increasing costs, either due to higher oil prices or potential carbon costs added to fossil fuels.

RUSSIAN HARVEST DEVELOPMENT AND POTENTIAL

The main attraction of forestry industry investment in Russia is naturally the vast forest resources available. There is however still room to improve harvests.

Total roundwood removals from Russian forests were 181 million⁹ m³, in 2008 and only 65 million¹⁰ m³, for the first half of 2009. Harvests for the full year of 2009 have not yet been confirmed but they are estimated at 165 million m³. Estimated total harvests for 2010 are only 130 million¹¹ m³. Industrial roundwood comprises some 75% of all roundwood and the rest is used mainly as firewood by local communities.

Picture 4-1 displays the share of domestic consumption and export of industrial roundwood with predictions based on Ministry of Agriculture of the Russian Federation's estimation for 2009 and 2010 and the historical share of industrial roundwood. In 2007, Russia announced that export tariffs for roundwood would gradually increase. The figure below displays the current export tariffs in force.

The share of exports has decreased since Russia announced export duties on roundwood. Roundwood exports have decreased by half after the duties were announced. They seem to be having some effect, since roundwood export suffered more than other wood products export during 2009.

Russian harvests have long been well below their biological potential. Picture 4-2 shows the biological potential of Russian forests. For comparison, Russia's share of the world's forests is 21%, but it harvests less than the U.S. or Canada, which each represent only 6%. Partly due to the previously roundwood export-led development, the Russian forestry industry has not yet realised its full potential. The fiber potential of Russian forests with investments in forest infrastructure

⁹ UNECE database 16.03.2010

- ¹⁰ Federal Forestry Agency of RF 31.08.2009
- ¹¹ Ministry of Agriculture of the Russian Federation

IN RUSSIA

It can be argued that road construction will be a strong obstacle for further investments or capacity increases, but unlike in most areas of the world, the forests already exist. Through road building, any company would have almost immediate access to mature forest resources.

The year 2009 was challenging, but 2010 looks clearer, and fast action is needed to seize the opportunities inherent in post-crisis environment and financing. The first priority is to adapt the corporate marketing, production and raw material policies to fit the post-crisis reality. The crisis has speeded up the underlying structural changes in the global business environment, and companies should reassess their target markets and raw material supply strategies.

Making use of the new opportunities in China and other Asian countries will be a key success factor for all companies, and Russia has a definite geographical advantage. Analysing and investigating these markets is crucial. Companies should also focus on improving production efficiency. Production efficiency is always important, but in a country facing severe demographic challenges like Russia, it is vital for the corporate bottom line. Wood-processing companies must improve their product distribution systems on the domestic and export markets. Wood-harvesting companies need unorthodox strategies and product promotion on the domestic market to deal with the new roundwood export tariffs and increasing transport costs.



could be as high as 300–400 million m³ annually. Additionally, harvest residues offer fiber potential of up to 70 million m³ annually.

SEIZING THE POTENTIAL

The Russian forestry industry has some advantages besides its raw material potential, namely potential from domestic markets and proximity to the fastgrowing, resource-poor markets in China.

In order to increase their long term profitability, companies should look more closely at value-added wood-processing. In particular, companies which own their own forests should find ways to increase forest utilisation rates, as they will in any case need to pay full lease costs for each hectare.

This will lead the way to new products and business opportunities, for instance in the bioenergy and biofuel sectors, or in innovative, low-carbon construction materials.

> Miia Tähtinen. Pöyry Management Consulting Oy

THE GROWING RUSSIAN FORESTRY **INDUSTRY WILL RECEIVE BETTER EQUIPMENT AND SERVICE**

The global forestry product market is demonstrating dynamic growth in all segments, including paper, pulp and wood. The industry has been depressed for several years, but is on the rise again as a result of the improvement of general economic conditions as well as increases in wood product pricing and demand. By optimistic prognoses, the forestry industry may see up to 25% growth in 2010. The Russian forestry market, representing 20% of global wood resources, is currently driven by European and Asian as well as domestic demand. It is undoubtedly a part of this renewal and growth.

This renewal has a positive impact on the forestry equipment industry. As a leading global supplier of forestry equipment, John Deere is encouraged by the results of 2010 and very optimistic about worldwide industry growth potential in 2011. In the next five years, we forecast that the Russian forestry equipment market will grow at a rate of 7-8% per year, which is twice the 2010 official forecast for Russian GDP growth of 3.5-4%. The company is well established in Russia and is fully prepared and capable of meeting this growth potential.

Russia has long been a strategic market for John Deere. The company started selling its trademark agricultural equipment here over 100 years ago. The first harvesters were supplied to the Soviet Union in 1974. Since then our equipment has enjoyed growing demand. Currently, the estimated share of John Deere forestry machinery in total imported forestry equipment in Russia exceeds 40%. The company aims to increase this share by a variety of measures, which will result in better products and services offered to help ensure the growth and success of our clients' businesses. These measures include new capital investments in Russian manufacturing and parts distribution facilities, as well as increasing staff and service locations. We will also be introducing many new client-oriented innovations, including equipment and operations performance improvement technologies.

John Deere has aggressive plans for the development of its business in Russia. Even



Thomas Trone, John Deere Construction & Forestry Director, Russia/CIS

when the Russian economy and all sectors in which we operate, were hit by the crisis in 2008-2009, the company continued to invest. These investments serve as a foundation for further development and expansion of our operations in Russia. In the forestry equipment market, John Deere has the broadest product line and the most extensive market coverage. This broad business scope allows us to flexibly serve companies with the products and services they require to meet their specific requirements and conditions. We enjoy a large customer base in Russia and are particularly strong in meeting the requirements of large forestry product companies. One good example is our strategic partnership with the Ilim Group, which currently uses over 250 pieces of our equipment across its various forest harvesting operations in Russia. Having introduced John Deere construction equipment to the Russian market two years ago, we can now provide integrated solutions for building forest roads and for the development of forest lands.

Knowing how much emphasis Russian clients put on robust and productive equipment, we invest extensively in product engineering and manufacturing guality control as well as parts and service. Interestingly enough, Russia is the world champion in terms of the density of equipment use, with 4,000-5,000 working hours a year per piece. Effective forest utilization demands effective management tools and processes, so we are now introducing innovations including GPS, remote data collection and performance analysis systems. Russian companies are beginning to use these new tools to improve productivity and efficiency of their forestry operations. We expect that they will become industry standards for every company over time.

People have long been the core of our business. We currently have 70 staff members working directly for John Deere Forestry in Russia. They will soon be supported by 14 more people — a 20% increase. Together with our other Equipment Divisions in Russia and our dealers' employees, there are over 2,000 people serving John Deere clients all over Russia.

John Deere has long-term investment plans for Russia. Our recent investment in our new facilities in the Moscow region in Domodedovo, which include world class Manufacturing Center and EurAsian Parts Distribution Center, is just the beginning. Finally, in 2011, John Deere Credit



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will be launched to deliver financing solutions to meet our customer's equipment purchasing

We believe in the long-term growth opportunities in Russia. We've been in Russia for many years, and intend to extend and expand our position in the years ahead. John Deere is a partner for Russian companies and is ready to deliver the equipment, support and services required to ensure they are successful. ■

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RUSSIA'S FADING COMPETITIVE EDGE

As one of the largest consulting-engineering companies in the world, Pöyry* has always been placed "between an investor and a potential project". This position provides a means of observing and comparing various regions around the world through the eyes of a potential investor, given that we can understand his requirements and expectations. How does Russia look from this perspective, and what future may it expect?

Over the last several years, Russia has been falling behind in global competition for large scale investments in the forest industry. This is mainly driven by rapidly increasing production input costs (electric power, wood and labor) and an underdeveloped infrastructure, as well as the fact that the country lags far behind its main competitors - South America, Asia and Eastern Europe – in terms of business environment.

This article focuses on the situation in the woodbased panels sector, with an occasional digression on associated products, such as pulp, sawn timber and round wood.

WHAT DOES THE INVESTOR WANT?

The investor wants a potential project to be successful and profitable, based on a reliable production process and secured sales for at least 7-10 years after commissioning. This means that the project must draw on:

- the right product (including the right production process and site);
- the right team, both administrative and technical:
- availability and competitive prices for main production inputs (wood, electric power, labor);
- desirable markets (including adequate logistical accessibility and size, promising future prospects, manageable competition, and predictable tax and transportation costs);
- favorable business environment i.e. the

existing legislation must protect the planned business against corruption, criminal elements and unfair competitive risks.

Therefore, it is obvious that apart from the production process and a management team, there are only three main prerequisites for a project to be successful: production inputs, markets and the business environment.

It is worth noting that these three prerequisites are mutually inclusive, as failure to meet any one of them will ruin the entire undertaking.

Let us now discuss the aforementioned prerequisites from the Russian perspective.

RIGHT PRODUCT. RIGHT PROCESS. RIGHT TEAM

This prerequisite is normally viewed as the least problematic, yet the failure to meet it will nearly always lead to significant initial losses followed by ongoing, frantic attempts at short-term fixes.

Such situations are rare and only occur if both the investor and the engineering company have limited experience in implementing the type of projects in guestion, which at the very least normally results in hasty or poorly thought-out process solutions. Nevertheless, Russia has seen a number of such unsuccessful projects. Without naming names, we can recall at least two MDF and one OSB projects which were cancelled or postponed due to significant financial losses, resulting mainly from an inadequate level of professionalism from both the investor and engineering sides.

At the pre-startup or commissioning stage an investor may also have difficulties with selecting top managers – both administrative and technical – for the facility. It is common practice to bring in key personnel from abroad or buy them out from competitors, who have already completed similar projects. Whatever the case, failures in the timely selection of process solutions or a project team – although damaging - do not constitute a systemic problem, as they are attributable to individual companies rather than being inherent in the overall industry.

PRODUCTION INPUTS

Production costs have traditionally been considered a major attraction for potential investors in Russia, given its cheap and abundant forest resources, inexpensive gas and power, and low labor costs. Unfortunately, this "magnet" is no longer that strong. Moreover, it is rapidly continuing to lose the limited holding power that it still possesses.

Let us scrutinize the major production element, namely wood.

According to various estimates, Russia holds from 18% to 25% of global forest resources. At the same time, the production of wood-based panels



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and pulp in this country is hardly over 5% of global levels. The production of logs and sawn timber – even if the non-official sector is taken into account – does not exceed 10%.

It is not surprising that government bodies at various levels are becoming alarmed over such a prominent imbalance, and are thus appealing for businesses to develop value-added capacities inside the country.

The example of our neighbor Finland brings additional frustration, as the impressive forestry sector in Finland has been built under similar climatic conditions yet with higher labor costs, taxes and energy costs (see table 1).





Fig. 1. Main prerequisites for a project to be successful

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^{*} Pöyry Group is one of the leading consulting and engineering companies with a focus on forest industry, construction and energy sectors. The company has over 50 years experience of consulting to pulp, paper, sawnwood and wood-based panel industries worldwide. Pöyry Group has a global network of over 7000 experts in 200 offices covering all major forest products regions in 50 countries. Net sales of the company were 673.5 million EUR in 2009. Pöyry Management Consulting is a consulting arm of Pöyry Group.

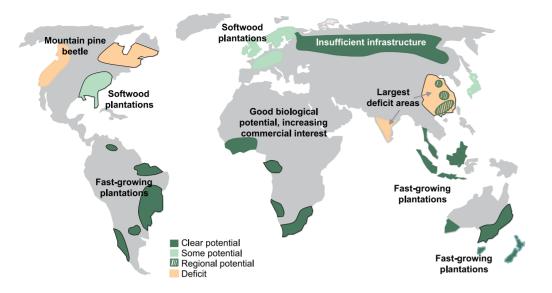


Fig. 2. Global availability of wood

The overriding conclusion is that Russia urgently needs to develop additional harvesting and wood processing capacities, the core issue being the associated required investments.

For example, the amount of wood per hectare in Finland parallels that in Russia, i.e. about 100 cubic meters. At the same time, for Russia to be able to match Finland's harvesting yield per hectare, the country needs to inject approximately 50 bln euro into harvesting machinery and forest roads. The forest area in Russia is almost 40 times more than in Finland, whereas the harvesting volume is only three times as much, meaning Russia is a twelve-fold underrun, even if "gray" operations are taken into account.

In order to be able to catch up with Finland in terms of the yield of sawn timber per hectare of forest, Russia needs investments totaling approximately 50 bln euro, which translates into more than a ten-fold underrun. A similar move for the wood-based panels sector requires about 20 bln euro. The conclusion is that to achieve Finnish performance levels, Russia needs more than 120 bln euro in the wood processing sector alone, as the pulp industry is lagging even further behind. In total, we may be talking about several hundred billion euros, which is more than ten percent of Russia's GDP!

What needs to be done to attract investments of such an impressive scale? Is it enough to put one's trust solely in Russia's vast forest resources and proclaim that "investors are here to stay anyway, as we have such plentiful forests"?

Russia's main competitors for large scale investments in the forest industry are regions featuring fast-growing plantations, mainly Latin America and Asia. Let us put aside the difference in the properties of the wood and forest growth rate and compare Russia with Brazil – which is considered to be its main competitor – in terms of the issues which each respective government is mandated to provide: legislation, infrastructure and longterm guarantees (see table 2). Both Russia

Table 1. Production of wood-based materials in Russia and in Finland, 2007/2008*

Production volumes*	Russia	Finland	Gap between Russia and Finland, with forest area as a basis
Forest area, mln ha	809	22	
Share of forest covered area in total	49%	73%	
Growing stock, bln m³	80.0	2.2	
Actual cut, million m³/a	185.0**	58	times 11.5
Sawnwood production, million m³/a	34.1**	9.5	times 10.2
Wood-based panel production, million m ³ /a	10.5	1.7	times 6.0

* Illustrative, part of the data is for 2007 in order to minimise effect of financial turmoil ** Inc. unofficial production (estimations)

Source: Pöyry

and Brazil have quite similar macroeconomic conditions (GDP, population, forest resources); however, the legislation and forest industry infrastructure in these countries differ significantly. Brazil's legislation is the result of its government's efforts to build an investorfriendly environment. This centers on Brazil's significantly lower infrastructure requirements, a combination of the favorable investment climate, and natural conditions: the possession of environmentally sensitive tropical forests and rapidly growing species make it possible to establish intensive, plantation-based forest management practices, which result in significantly lower infrastructure-related costs.

The differences illustrated in table 2 suggest that the volume of investments of the two countries should differ substantially as well. And they really do. This is particularly the case with the pulp and paper sector, which is the most capital-intensive of all the forest industries. Russia has not seen any new pulp and paper mill construction for several decades, whereas in Brazil this sector has been booming in recent years. On average, the plantation-based regions in the Southern hemisphere have increased their share of the global fiber supply from 17% in 1990 to 44% in 2008! As one would correctly assume, Brazil, Argentina, Chile, Uruguay, Indonesia, Malaysia and Thailand are among the countries which are developing most rapidly.

Table 2. Investment climate in the forest sector: Russia vs. Brazil

	Brazil	
Basic information	GDP* in 2009 – 2.02 trillion USD Population – 192.6 mln. Inhabitants Forest covered area – 478 mln ha Share of forest in total area – 56% Growing stock – 81 bln m ³	GDP [*] Popu orest Shar Grow
Security of raw material supply	Secured long term wood supply due to forest industry-owned land and plantations	Risks due harv
Legislative environment related to forest tenure	Developed and clear legislation related to land/forest ownership rights	Role secto uncl
Forest infrastructure	Plantations with short rotations require limited investments in infrastructure. Companies make these investments and own the infrastructure	Expa in in finar
Institutional framework	Limited government involvement and regulation due to established rules and procedures	Char regio orga
Forest industry investment track record	Active recent history of pulp and paper industry projects with clear guidelines for the implementation of projects resulting in use of state-of-art technology	No g inve norm

* By purchasing power parity (PPP), source: Worldbank



Unfortunately, apart from the much less investor-friendly environment – even though this alone would be enough – Russia is currently also losing its competitive edge to the rest of the world in terms of wood costs.

Wood costs are a measure of standing stock, harvesting, transportation (including forest road construction) and reforestation costs. High costs for building forest road networks in Russia, combined with rapidly growing labor costs and low productivity, result in wood costs delivered to a mill being virtually equal to any other "forest" region of the world.

Take, for example, softwood pulpwood costs delivered to a mill in European Russia. They are only one and half times lower than in Finland (!) but equal to those in Brazil (Pinus elliottii), Chile (Pinus radiata) and Southern Africa (Pinus patula).

This is especially surprising if one remembers that the stumpage tax in Finland is almost ten times higher than the Russian tax, and in Brazil, Chile and Southern Africa it is five times higher.

One may conclude that the government in Russia has already exhausted all possible means of keeping the wood costs at a low level (further decreasing the stumpage tax is impossible), which means that there is only one valid option left in order to attract investments for the forest

Russia

P* in 2009 – 2.69 trillion USD pulation – 141.9 mln. Inhabitants F est covered area – 809 mln ha are of forest in total area – 49% owing stock – 80 bln m³

sks related to long term wood supply and price e to policy changes related to forest leases/ rvesting rights

les and responsibilities of private and public ctors in forest management are still somewhat clear

panding industry requires large investments infrastructure. Development responsibilities, ancing and ownership need to be clarified

anging responsibilities between central and gional administrations, and between functional ganisations. Over-regulation

o greenfield pulp and paper industry vestments in last decades resulting in obsolete rms and standards

Source: Pöyry

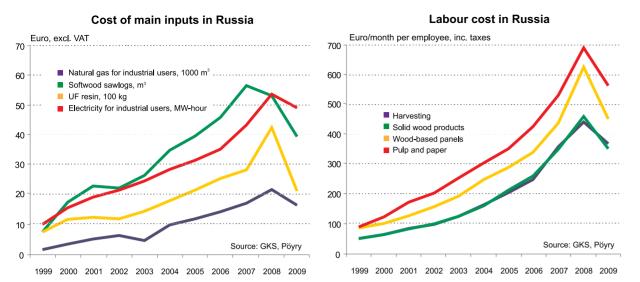


Fig. 3. Basic components of production cost in Russia, 1999-2009

industry: through enhancing the legislation as well as improving the image of Russia as a reliable country for long-term investments.

Unfortunately, one can hardly expect that the Russian government is ready to make drastic changes to the situation in the short term. If we look at what is happening in the Russian agricultural sector, which has traditionally been "one step ahead" of the forest industry in terms of land property rights, we may see that the situation is far from being "clear and transparent".

Russia is thus rapidly moving towards a situation in which its investment environment is becoming both too risky and unaffordable. And though the wood supply is becoming scarce in many countries with growing wood product markets, Russia's competitive position for investments is hardly better than in these countries.

Let us now discuss other manufacturing inputs for the wood products industry: power, labor, natural gas and binding agents.

Over the last ten years (fig. 3, left), power and gas prices for industrial consumers in Russia have been keeping pace with the growth of wood costs.

Costs of resins in Russia already exceed those in Europe, driven by growth in related manufacturing costs as well as the domestic supply/demand balance. Please note that the prices are expressed in euros, meaning that the influence of inflation is minimized.

According to official statistics, labor costs in Russia remain at relatively low levels, even despite their rapid growth from 1999 to 2008. They are approximately three times lower than in Eastern Europe and Latin America, and almost ten times lower than in Western Europe and North America.

The difference is impressive, but one should also recognize that it is illusory: lower taxes, a considerably lower productivity and the fact that some salaries are never reflected in official statistics mean that average total labor costs in Russia are approximately equal to those in competing countries, and continue to grow rapidly.

A comparison of all key manufacturing inputs indicates that Russia has already lost, or will soon lose, its "magnetic attractiveness" as a country with low production costs. Let us now discuss the other two "magnets": markets and the business environment.

MARKETS

A direct consequence of rapidly growing labor costs is a growth in personal income, which results in increasing consumption.

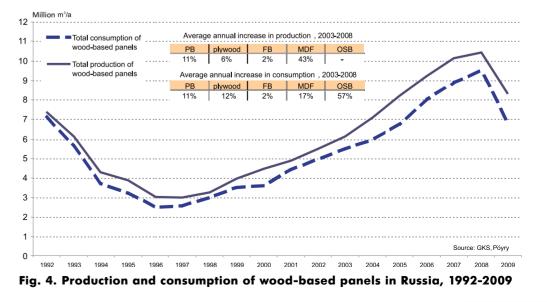
Russian markets are on average quite attractive for wood-based panel projects, especially those targeted toward local markets. Between 2003 and 2008, the production of wood-based panels in Russia grew by 12% per annum, while annual consumption increased by about 11%. Since particleboard, for example, is mainly produced and consumed on domestic markets, Russia is seen as a suitable location for a potential project, as on the one hand it may offer an abundant wood supply, while on the other hand it offers large and rapidly developing markets. As the cost of a cubic meter of MDF, OSB or plywood is higher than that of particleboard, the former can be transported over greater distances with no significant increase in the final price for the consumer. This makes Russia an interesting investment opportunity for producing goods which can be sold both domestically and abroad. The more value that is added to the product (for example; an MDF panel, a faced MDF panel, MDF-based laminate flooring), the more accessible the export markets are. However, the competition is increasing as well.

A producer of laminate flooring or furniture in Russia has to compete with companies abroad both domestically and on export markets, since Russia is becoming an equally attractive market for competitors. The key sectors have so far been at least partially protected by import taxes, although possible WTO membership may put an end to this advantage. Therefore, domestic producers of value-added products may feel less secure, as in order to be successful they need their production, manufacturing costs and services to be at least on par with those of their international competitors.

The wood-based panels' sector is probably the only serious "investment magnet" of all forest industries in Russia, despite the fact that production in this sector exceeds consumption (fig. 4), which is mainly due to plywood being exported.

As for other panel products – particleboards, MDF/FB, OSB – there is still potential both for substituting imported panels (including niche products, such as thin panels or panels with non-standard facing) as well as for new large scale projects aimed at supplying standard products to growing markets. While on the subject of markets, we must briefly touch upon the 2008/2009 financial crisis.

In 2009, the production of wood-based panels shrunk by over 20%, whereas consumption dropped by almost 29%. This decline is significant, as in





Europe production and consumption volumes went down by some 15%.

The difficult market situation put many projects on hold both because of lack of working capital credits and a decline in demand.

On a positive note, markets and prices have recovered to almost pre-crisis levels (see fig. 5), while investment activity has embarked on its recovery path, with suspended projects being gradually reactivated. Currently, the MDF, particleboard and plywood markets are once more tight, as there is an undersupply of virtually all types of panels, raising income expectations for both distributors and producers. In turn, these markets are thus seeking new investments.

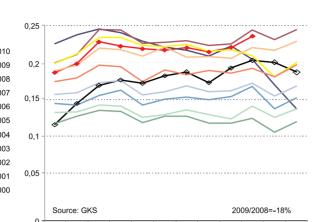
The growth of personal income combined with a huge potential demand in construction and furniture products, accumulated since the time these industries collapsed twenty years ago (see fig. 6), suggests that the Russian market will grow steadily, at least for the coming 5-7 years.

The only "shadow" darkening the bright prospects of this market is the fact that the population in Russia is concentrated in the European portion of the country, whereas forests (almost two thirds of allowable annual cut) mainly grow beyond the Ural Mountains.

BUSINESS CLIMATE

For the purpose of our study, one may approach the business climate from two perspectives: climate for investors; and climate for producers. The climate for investors in Russia remains challenging. The underlying problem has been

Particleboard production in 1999-2010, Million m³/month 0.25 0.5 **—** 2010 04 → 2009 0.2 - 2008 2007 0.15 0,3 2006 2005 2004 02 0 1 2003 2002 0.1 0.05 2001 - 2000 Source: GKS 2009/2008=-21%



Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Fig. 5. Production volumes of particleboard and plywood in Russia, 2000-2010

traditionally attributed to corrupt government officials; however, this appears to be an oversimplification.

Let us offer an example which any producer would find easy to recognize and understand.

If a company establishes a simple, transparent and predictable sales policy, the climate within the company becomes resistant to corruption and open for potential new partners. An open price list, featuring fixed discount rates for additional volumes or loyalty as well as clear guarantees to sustain deliveries in the event of a backlog, leaves little or no room for corruption. In order to attract potential partners, the system may not be just "equal to all" or "primarily friendly for newcomers", and instead be simply transparent and predictable.

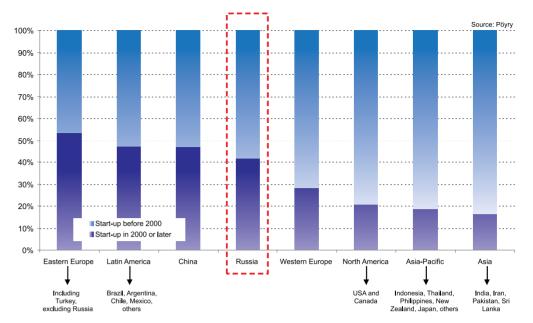
If the situation is the opposite one – a closed price list with a complicated system of discounts for which unclear granting criteria are used, back-room fights over deliveries in case of undersupply etc. – we can see a perfect platform for corruption of all types.

Expanding this example to describe the situation on a country-wide scale, it becomes obvious that corruption will arise if the corresponding controlling legislation is complicated and responsibilities are ill-defined. This occurs not in a matter of just a few months, as it takes time for officials and the legislation to become corruption-oriented. This process is self-perpetuating and concerns many related issues: allocation of land, securing infrastructure needs, approvals and permitting documents. On top of this, the mere fact that certain

infrastructure elements are donated by the government is prone to widespread abuse, as certain responsible individuals and parties would find it difficult to refrain from capitalizing on their full control over such resources.

If we return to the sales policy example and imagine that a mill has only one distributor (which corresponds to a situation when there is a state monopoly entity), it would mean that the mill is fully dependent on the distributor and a significant portion of the profit goes to the distributor. But if the mill seeks any opportunities to sell its products directly, up to and including retail sales, it would mean that the sales process itself starts consuming significant resources and even becomes a non-core (albeit important) business for the mill. In other words, in the context of attracting investment at a national level, a dialogue between large- and medium-size businesses can be more beneficial than establishing state owned corporations or holding referendums. While there are exceptions to this rule, the forest industry can hardly be seen as one of them.

Let us now assume that an investor has managed to overcome all difficulties and with the help of connections to numerous local authorities - a new mill has been constructed and is undergoing start-up operations. From this moment the range of potential prohibitions to continued operating is narrowed to excessive inspections, approvals and associated delays from authorities, who at the same time are vitally concerned to keep the mill successfully running, given that it is a source of taxes=. Nevertheless, even «good connections» cannot



be a guarantee for the business to remain successful in the longer term. Risks relating to an absence of predictable legislation are ever-present, which is especially ruinous for projects with a payback greater than 3-5 years. This is probably one of the major reasons for potential investors shying away from coming to Russia.

It is self-apparent that privatization of forests would be the most reliable long-term guarantee for large forest industry players, as is the case with Brazil (see table 2), because the requisite forest guarantees would no longer depend on the overall investment climate in the country. However, solving this problem firstly requires finding an answer to the potential consequences for middle and small-size forest businesses as well as developing a plan of practical actions to implement such privatization. Fortunately, Russia

The situation regarding investments in the Russian forest industry, although far from being ideal, is recoverable. The investment activity is low in the pulp sector but quite high in the less capital-intensive wood-based panels industry (see fig. 7): the relative share of new capacities that were built over the last decade is almost as high as it is in Eastern Europe, Latin America and China. Russia is one of the most attractive markets and one of the richest forest regions on the planet. One should simply not ignore the fact that the situation is getting worse, and capitalize on the advantages which Russia so far can offer.

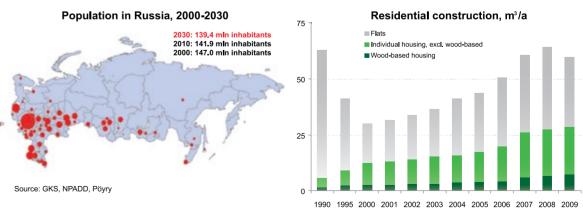


Fig. 6. Population and new residential construction in Russia

Plywood production in 1999-2010, Million m³/month





can, if it so chooses, draw on the experiences of other countri.

> Alexey Beschastnov, Pövrv Manaaement Consultina

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MEETING THE CHALLENGE OF HARSH HARVESTING CONDITIONS

Sprawling from the Baltic Sea to the Pacific Ocean, Russia - the largest country in the world - can boast that it has the world's largest forest reserves. But the vastness of the land also means the country has a variety of climate and soil conditions, many of which bring extreme challenges to the forest industry.

Last year in Ust-Kut, a small city in eastern Siberia, the temperature reached -53 C. This is not unusual for areas in the Central Siberian Plateau as well as in the mountain ranges of eastern and southern Russia. It is also not unusual – because of the sheer size of the country – for Russians to experience extremely high temperatures (40°C, for example) in other areas such as the lush subtropical region adjacent to the Caucasus Mountains (in the Southwest near the Black Sea) and along the Pacific Coast. Add to that the "continental climate" - very hot in summer, very cold in winter - experienced in the central regions of the country, and one has an array of extreme temperatures that make forestry work difficult for humans and machines.

When temperatures dip to -35°C or lower, loggers are forced to contend with many potential problems. The cold can put hydraulic hoses at risk, equipment can be difficult to warm properly before operating, and machinery can break down as moving parts freeze. Loggers need reliable and durable machines to help them overcome these problems.

"Cat® machines are designed for Russian conditions," explained Dmitry Chernienko, product support representative for Caterpillar. "Cat forestry machines, especially, are heavy duty and purpose-built for service in extreme weather." Cabs are fully certified to protect operators from the elements, and engines employ ACERT[®] Technology, which optimizes engine performance, particularly in severe temperatures. And rugged structures - heavy duty center sections, large oscillation bearings, and durable and robust undercarriages, for example – are designed for long service life in demanding forest applications.

When working in extreme cold, operators and maintenance workers also must be cognizant of fluid levels and well versed in their proper use. "It is extremely important to use correct engine oil, hydraulic fluid and coolants," Mr. Chernienko said. "One of my customers had trouble with the hydraulics in a Cat machine, but when I went to the site, I discovered he was using summer weight hydraulic fluid. Once we changed the fluid, he had no problems with the hydraulics."



Caterpillar provides training to operators, mechanics and technicians to teach them how to operate the machines at maximum efficiency in all conditions. "Whenever a customer signs a contract, we immediately offer training," explained Mr. Chernienko.

"We teach customers to perform air filter inspections, cut open and inspect oil filters to determine machine health, and prevent contamination when checking and filling fluids." Training is conducted primarily at the customer's site so operators and technicians learn the most effective methods of working in conditions they will experience every day."

Hot temperatures can be equally as challenging for Russian loggers. In some areas, the summer-time humidity can reach 100 percent at 40°C. "Those areas can be like a rain forest." Mr. Chernienko said.

There are also areas where the weather will be hot and dry. In both cases, for the protection and comfort of the operator, it is important to have machines with cabs like Caterpillar's that have automatic temperature controls and excellent visibility. In hot and dry areas, loggers also must be aware of the risks of fire. Needles and debris on the ground can find their way into machine engine compartments or cooling fans. Cat track skidders have an elevated sprocket design, raising the undercarriage, to help keep the machine from collecting debris. Other Cat track machines feature frames that give high and wide ground clearance. In addition, Cat engine hoods are designed to protect internal components from debris.

Intensely hot weather also can cause overheating of the engine or hydraulic system or cause internal problems with pumps, motors, hydraulic equipment or electronic modules. Cat forestry machines are designed to withstand these hazards, and Caterpillar's commitment to training technicians in the proper maintenance techniques helps prevent these warm-weather problems from happening. Caterpillar also encourages customers to take advantage of its fluid analysis service, which helps owners keep their equipment running efficiently and avoid unplanned repairs and costly downtime.

In the S•O•SSM Services Program, all the fluids in a machine - engine, transmission, hydraulics, differentials and even the antifreeze – are sampled and analyzed on a regular schedule. S•O•S fluid analysis provides a "window" into the health of the machine. Mr. Chernienko compares the process to blood analysis for humans. Analysis of machine fluids (to determine if there are contaminants present) is an early warning system that can prevent minor problems from developing into major issues.

Other conditions which challenge the forestry industry in Russia involve the country's terrain and soil. In western Siberia, for example, one can find extremely soft ground and many lakes. Other regions play host to large boggy areas, and the high, mountainous regions with their steep slopes present their own set of problems for loggers. Cat track machines, with rugged undercarriages and durable upper frames, are designed to travel through wet lowlands, climb steep, rocky terrain and maneuver in mud or swamps.

Closely linked to terrain and soil issues are challenges relating to infrastructure, primarily roads. In Russia it is not uncommon to have a distance of 300 kilometers between job site and village. And many of the roads are in poor condition,



can be met.

especially in the spring and fall. Loggers can overcome these obstacles with Cat forwarders, designed to transport large payloads long distances over difficult terrain. Cat equipment also gives customers the ability to construct access and hauling roads into forestry work areas.

Caterpillar's extensive dealer network, which supplies and supports Cat products, keep Caterpillar close to its customers. There are five Cat dealers with more than 60 branches or service locations in Russia. Besides S•O•S analyses, they offer machines, training, parts and service. Training and servicing can often be conducted in the field at the customer's worksite.

While it is true that the Russian Federation, with its massive size and extensive forest cover, has many timber industry opportunities, along with them come inherent challenges. But with the right equipment and machines, these challenges



RUSSIA'S TIMBER INDUSTRY EMBARKS ON A CIVILIZED COURSE OF DEVELOPMENT

The Russian Federation Forest Code enacted in January 2007 put new concepts into practice and significantly changed the system of forestry relations. It triggered a mixed reaction among specialists. Regardless of the fact that the innovations have been effective as law for some time already, the disputes around them are still going on. A good many swords, for example, have been crossed over the state forest inventory and forest planning documentation.



Prior to the adoption of the new Forest Code, no inventory existed in the country. Instead, only forest surveys were implemented with the purpose of locating required forest resources. Currently, a national forest inventory system is being established in Russia that will be similar to those existing abroad.

According to the intention of law-makers, the system should ensure necessary data entry for making management decisions both at a federal level and at that of its constituent entities. The received stock volume data can be used for developing medium and long-term planning documentation. It is expected that the forest inventory will provide an unbiased assessment of the efficiency of forest use and quality of silviculture activities.

The evaluation of qualitative and quantitative forest characteristics should cover all the forests in Russia. The first complete forest inventory cycle is expected to be finalized by 2020. A network of 90,000 sample plots will be organized for this purpose. In compliance with the State Forest Inventory Program, the works should be implemented in succession by a priority principle - starting in the regions that have intensive forest use. Hereinafter, it is planned to establish a network of permanent sample plots in conformance with global standards.

NATIONAL CHARACTERISTICS **OF THE FOREST INVENTORY**

For the last 20 years, the Russian forest management has lost its production potential and human resources to a considerable extent due to unstable financing and deteriorating social conditions for employees. According to the Federal Forestry Agency (Rosleskhoz),

about 50% of forests were surveyed more than 10 years ago, while over 3 million ha of forests formerly owned by agricultural organizations have never been surveyed. All the critical documentation regarding current forest planning (a Forest Plan of the RF constituent entity, forest management regulations of the forest district, forest development plans for leased forest areas) were in most cases developed on the basis of outdated forest survey materials which, of course, affected the quality of preparation of these documents.

Since 2007, planned forest surveys in the territory of the Russian Federation havestopped completely. The state chose to focus solely on creating a forest inventory, and some specialists consider this to be a mistake. Although the Russian government developed and approved forest management regulations, the relevant activities have not been performed in a proper way for three years now.

What happened was that the inventory system had not started working yet, while the forest management ceased to exist as a unified system including forest inventory (taxation), analysis of previous forestry and forest exploitation practice, estimation of allowable cut, silviculture and forest use planning. The three-year gap had a negative effect on the activities of the forest districts and forest users. Lack of a planned forest survey makes it impossible to refresh taxation and map databases of the previous forest inventory and respectively to maintain an updated state forest register.

Implementation of the state forest inventory based on international models is proceeding with difficulties due to objective reasons. Russia is a country with a huge territory and a large volume of inaccessible forests. It is very hard to make an accurate analysis of forest health, not least because currently in Russia, one sample plot is taken per 7,000 ha of forest fund, while in the U.S., for example, it is per 500 ha. There are also many other reasons, including the great variety of geographical, economic, infrastructural and administrational conditions of the forest territories.

The state forest inventory requires tremendous costs. At the same time, there is no practice of undertaking such work, no applicable technology and no developed methodology. Specialists tend now toward regeneration and modernization of the forest management

approaches.

At the first "Problems of Forest Management and the State Forest Inventory in Russia" international conference held in Moscow in 2009, a resolution was passed to increase the role of forestry organizations in forest planning and the state forest management. Accordingly, Rosleskhoz was invited to prepare amendments to the Russian Forest Code and other regulatory acts. The new approach stipulates that forest management should be based on planning, implemented at the request of the state authorities, be under state control and financed by federal budget resources. Forest management is planned to be performed within the borders of the forest districts.

The range of forest management activities will include intercompany planning, identification of felling age, calculation of the allowable cut and other potential harvesting volumes in a given area. In addition, modern forest management will be based on a new system using GIS, space imagery, laser sensing and scanning.

FOREST PLANNING

The Forest Plan is developed for a 10-year term and contains a forest health specification and main purposes of forest use, conservation, protection and regeneration, including forest exploitation cost-effectiveness analysis. Since 2009, the Forest Plans have become the basis for forestry and forest use practice in the RF constituent entities.

Forest planning documentation also involves forest management regulations and forest development plans for forest users. These documents are prepared in the regions based upon local conditions. A forest management regulation is a document specifying allowable rates of wood extraction, mandatory reforestation, conservation and protection requirements. A forest development plan defines business activities in a forest area under lease.



system and harmonization of the Russian state forest inventory system using international

The new Forest Code of the Russian Federation obliges the constituent entities to devise forest planning documentation and considers it a backbone of forest exploitation within the borders of forest districts and forest parks. The major forest planning document is the Forest Plan of the RF constituent entity.



Preparation of these documents, which are new to the Russian timber industry, was begun in the regions almost immediately after the RF Forest Code came into effect. In spring 2007 the Vologda region, an acknowledged leader in the Russian timber industry, began to develop Forest Plans and relevant documents.

With the introduction of the new Forest Code, nearly all the Russian forests were transferred to the constituent entities, which started to receive subsidies from the federal budget for the execution of the assigned authority. As forest specialists note, the Russian government provided timely and sufficient support for the creation of forest planning documentation. A tender procedure with no restrictions was held, and as a result, there were scientific and general education institutions, forest managers and business entities among the documentation developers. At the time there was no method for forest plan development, while the Federal Forestry Agency regulated the plan structure only, hence, the first documents differed greatly from each other in the content and thoroughness of the topics. Still, it is possible to state that a market of forest planning services was established.

At the Federal Forestry Agency, they emphasize that the forest plans are not a doctrine, but are subject to continuous improvement and development. Development and approval procedures should not be a one-off campaign; they should become a permanent element of regional activities. At present, without an approved Forest Plan, no region can receive

funds for various federal programs, and all kinds of forest use are illegal. So, the Forest Plan has become a criterion for the allocation of funds from the Russian budget for exercising the assigned powers by the regions. Moreover, it is an efficient instrument of control over stateowned property, i.e. the Russian forests. This document is signed by the regional governor, and the RF constituent entity is responsible for the efficient use of the subsidies.

It is essential that the forest planning documentation is developed locally, taking into consideration all the specifics and objectives of the regions. The RF constituent entities decide themselves how much, where and when to produce forest products, how many new facilities should be commissioned and what regional budget revenues there will be, etc. Therefore it is important to define key prognosis indexes in a competent, responsible and objective manner. The Forest Plan should correspond to regional planning on the whole and with the general economic objectives of the region. It should be primarily oriented on the market needs, while reforestation, forest conservation and protection issues should be solved as required in the process of business and other forest operations. However, the RF constituent entity often fails to look beyond its borders and detaches its own development from the neighboring regions. Therefore, there are proposals to elaborate forest plans for federal districts as well.

In summary, we can say now that great changes have taken place in Russia, despite the above mentioned objective reasons and negative impact of the economic recession, which crippled the timber complex. The state, as an owner of forest resources, has implemented forest planning documentation in the legislation and allocates sufficient subsidies for the regions to exercise their assigned powers: for forest conservation, protection and regeneration purposes.

Forest planning documents are being developed and applied to the regional timber complexes. A forest inventory system is also being established in accordance with international standards. And currently, it is critical to carefully specify and adjust (where necessary) the whole regulatory system enforcing the main forest law of Russia, i.e. the Forest Code.

Galina MALIKOVA



WEALTH UP IN FLAMES

It is hard to believe, but in 2010 Russian forests burnt to a lesser degree than in the year previously. According to data of the Federal forestry agency (hereinafter the FFA), in 2010 33,571 fires were registered, which covered 2.1 million hectares of territories of forest land (information as of 16 December). In comparison with 2009, the frequency of forest fires increased by 1.5 times, but the area covered by fire dropped by 1.2 times. The difference, however, lies in the fact that in 2009 forests in Siberia and the Far East burnt to a greater degree, while in 2010 fire passed through densely populated regions of the European part of Russia and the Urals, creating an emergency situation there.

According to information from the Emergency Situations Ministry, since the beginning of the fire risk period and up until 7 September 2010, on the territory of the Russian Federation, 30,376 natural fire sources arose. At the "hottest period" from the end of July to mid-August, 400 new fires arose in the country every day.

There is still no common opinion on the scale of the catastrophe. On the basis of observations from space, the Global Fire Monitoring Center assessed the area covered by fire at 10-12 million hectares by mid-August. The FFA assessment

According to the "Finding of the Public Commission on investigating the causes and consequences of natural fires in Russia in 2010", the largest scale catastrophes took place in the Sverdlovsk, Ryazan and Nizhny Novgorod regions. In the Sverdlovsk Oblast, from the beginning of the fire hazard season until 4 September, 1,762 fires took place on an area of 253,000 hectares. In the Ryazan region, the area covered by fire also exceeded 200,000 hectares (5% of the territory of the region), and fire destroyed 262 residential houses, killing 8 people. In the Nizhny Novqorod Region before 19 August, 1,083 forest fires started covering an area of 112,000 hectares, destroying 759 residential houses and killing 22 people. In the Nizhny Novgorod region, people were evacuated from the fire hazard area.

at this time was much lower - less than 1 million hectares. In early November, the head of the Aerial Forest Protection Service of the FFA Nikolai Kovalev announced that the real area of forest fires since the beginning of the fire risk period came to around 3 million hectares, which is twice as high as the data presented by the regions. "A number of subjects do not want to show the real state of affairs," Kovalev says.

For comparison, over the total Far East federal district during the fire risk period that continued until mid-November, around 1,000 forest fires



FORESTRY



broke out, and the total area covered by the fire exceeded 240,000 hectares (without counting fires on Kamchatka).

Assessment for the Moscow region differ considerably, where along with forests, many drained peat bogs also caught fire. At a meeting held on 26 October discussing the results of extinguishing forest and peat fires in the Moscow region, it was announced that "throughout the entire fire hazard period in the Moscow region, 2,677 fires broke out over a total area of 5,498 hectares". At the same time, in the "Finding..." mentioned above, other figures are given – 17,000 hectares of lands covered by fires, of which 15,500 are forest lands. Finally, according to the preliminary data of the SkanEks Engineering and Technological Center that was given at the meeting, the total area covered by fire exceeded 50,000 hectares.

Undoubtedly, in hyper-centralized Russia, fires would not have had gained such public attention and would not have taken on such importance for the authorities if they had not affected the capital. At the beginning of August, the entire territory of the city was covered in thick smug, which combined with the anomalous (up to 40 C) heat, had an extremely negative impact on the health of Muscovites. In the period from 2 to 8 August, the maximum registered concentration of suspended matter in the Moscow air exceeded MAC (maximum allowable concentrations) by 16.6 times, carbon monoxide by 5.4 times, and nitrogen dioxide by 2.2 times. The number of cases of people seeking medical assistance at institutions exceeded long-term average annual indicators by 17%, while at the same time many residents of the capital left the city to escape the smoq. The mortality rate in the capital in July 2010 compared with July 2009 grew by 50.7% (!), according to data from the Health Ministry.

Although in the last ten days of August, the smoke over Moscow began to disperse, peat bogs in the Moscow region and nearby regions continued to smolder and smoke until mid-October. The emergency situation regime in the Moscow region was not suspended until 1 November.

Among other regions, there was also a significant area of fires in the Republic of Mary El (55,400 hectares), the Republic of Komi (15,500 hectares), Mordovia (10,500 hectares). By 5 August, fire had damaged trees in 34 subjects of the Russian Federation, and the zone of practically continuous fires stretched across several regions. In 14 of them, an emergency situation regime was declared, connected with harmful smoke and gas levels in inhabited areas, which sometimes directly threatened human life.

By 25 August, according to the assessment of the Ministry for the regions, fires had completely destroyed 147 villages and 2,500 residential houses. The total number of people killed was 60.

In a number of regions, owing to the dry and warm autumn, the danger period continued almost until the beginning of winter. In the Republic of Khakasiya it was only suspended on 15 November. And several days previous to this, the capital of Kuban, Krasnodar, was shrouded in smoke from forest cover burning in high-altitude forests.

Conservation areas in Russia also suffered from fire. According to the assessment of the Ministry of Natural Resources, on the territories of 38 sanctuaries and 28 national parks subordinate to the ministry, 758 sources of forest and other natural fires were registered. According to official data, fires covered a total of 0.2% of the territory of sanctuaries, which did not exceed the equivalent indicator for 2009. However, the number of fires doubled.

This was the first time a catastrophic situation of this magnitude involving fires had taken place in Russia since 1937. The special nature of the 2010 fires was their high intensity, connected with the drought in the majority of regions of the European part of Russia and the southern Urals. The percentage of crown fires and fire storms increased in comparison with long-term annual average indicators – putting these fires out is a practically impossible task.

WIND DAMAGE

Fires are not the only natural disaster that struck Russian forests last year. Hurricanes also did considerable damage to them. There is still no full data on this, but information available makes it possible to assess the damage done in general terms.

In the period from 6 to 27 June alone, the damage to forests as a result of hurricane winds, according to the assessment of the Russian forestry conservation board, exceeded 117,500 hectares. Most of all, forests in the Vologda, Yaroslavl, Nizhny Novgorod and Kostroma regions suffered - the area of forests destroyed there was 7,500 to 50,000 hectares. Somewhat less

damage was done to the forests of the Moscow, Ivanovo and Vladimir regions, where up to 2,000 hectares of forests were destroyed by hurricanes during the indicated period.

At the end of July and in August, a series of hurricanes struck the Leningrad region. In July alone, a hurricane struck forests of an area of over 27,000 hectares, and 20 people were killed. On 15 August, as the result of severe hurricane in the Northwest of Russia, according to the Emergency Situations Ministry, 1,490 inhabited settlements with a population of 93,841 people in total had their electricity cut off. According to the Russian Forestry Conservation Board, in the Leningrad region the level of damage to forest reached 100%. Hurricanes were also noted on several occasions in the Moscow region and a number of other regions.

At the same time, by mid-August the total area of forest areas which were damaged to a severe degree by wind (continuous and almost continuous windfalls) in the European part of Russia, according to assessments by Greenpeace experts, may have reached 300,000 hectares.

Thus, windfalls may have added to the damage caused by large-scale fires by another 10%, if one follows the assessment of the Aerial Forest Protection Service, or 3%, if one follows data from satellite monitoring.

CONSEQUENCES OF CATASTROPHES

An assessment of the damage caused by natural disasters began immediately after the peak of the fire risk season. On 19 August, the Government of the Russian Federation gave a figure of 12 billion rubles (over US\$400 million) - this was the sum that had been spent up to that time from the federal budget on combating fires and their consequences. At the same time, it was stressed that this sum was very far from a final sum, as it did not take into account damage to burnt forests and from the incomplete harvest, and also the damage to movable and immovable property burnt in fires.

Restoring the forest sector will involve spending sums that exceed the ones given above by several magnitudes. In the Nizhny Novgorod region alone, the damage done to the forest stock is assessed at 2.8 billion rubles. According to the assessment of the Dikaya Priroda (Wild Nature) Conservation Center, based on the average prices of the destroyed timber and

figure is 59%.

In the remaining areas, trees and shrubs have been severely weakened by fire, and the drying up process for them will take place in years to come.

Furthermore, trees damaged by fires and hurricanes are more vulnerable to borers, especially the eight-toothed bark beetle and Capricorn beetle, and so over the next 2-3 years specialists predict a surge in their number. Additionally, the remaining dead tree roots will also be extremely dangerous as a fire risk.

The damage done to populations of rare animals and plants of Russia is preliminarily assessed by ecologists at 30 billion rubles. Approximately the same amount has been lost by the hunting sector as a result of the fires.

This is over four times the expenditure of the federal budget on the forestry sector in the same year. We should note that this figure sums up the entire damage done to infrastructure, the technical park, the housing complex, ecology and the forestry sector. It is practically impossible to give a precise calculation of the present and future losses to the Russian forestry industry, our correspondent was informed at the FFA. "It may be said that there were severe fires, for example, in the Republic of Karelia, the Kaliningrad and Nizhny Novgorod regions, which are famous for their forestry industries. But there are no official statistics on this. Not only industrial, but also recreational forests and sanctuaries burnt, and it is extremely difficult to separate one from the other".

the necessary forestry restoration works (around 750,000 rubles per hectare), the total economic damage from forest fires up to 13 August may reach 10 trillion rubles. Care of plantations in the first 5-10 years will be no less than 20,000 rubles per hectare.

Specialists at the Russian Forestry Conservation Board, which carried out a forest pathology assessment of the areas affected by fire noted a greater destruction of trees than in previous years in areas through which fire passed. In the European part of Russia, from 53.8% to 85.0% of these trees have dried up, and in a number of regions of the Siberian Federal district, this

According to the preliminary assessment of the FFA, forest fires in 2010 did total damage of 85.5 billion rubles to the country – this figure was given by the head of the FFA Viktor Maslyakov on 30 November 2010.









In the absence of official data, participants of the Russian market are making their own guesses, usually very pessimistic ones. "According to official data, 885,000 hectares of forest burnt, but according to assessments of independent experts, the amount was three times as much. This is at least 100 to 300 million cubic meters of timber."

Representatives of the forestry business are discussing ways to process and use dead wood and burnt wood. There are also problems here. "Burnt wood should have been gathered immediately after the fires, but in most of the regions this was not done until winter, as the current Forestry code does not make it possible to do anything guickly," says Alexei Yaroshenko, the head of the forestry program for Greenpeace Russia. "In spring, after the snow melts the wood will quickly start to lose its value as an industrial resource, and the state will have to pay large amounts of money for its swift removal, - it is unlikely anyone will do this on a commercial basis".

The consequences of catastrophic forest fires, major wind falls and surges in the population of insect pests are something that the forestry complex of Russia will have to deal with in 2011. Experts see the main causes for the present situation as follows.

WHO IS TO BLAME?

According to a number of ecologists, the increasing number of forest fires is a symptom of global changes to the climate.

"The global planetary temperature has increased by 1.8 C. This is sufficient to create conditions for more frequent forest fires," says the coordinator of WWF Russia for forest policy, Nikolai Shmatkov. "And not only in Russia, but also in other countries and regions of the globe, for example in North America. But in North America they are detected much earlier, at the stage of local source areas, and they are put out in time. Here they grow to catastrophic proportions".

Another cause is the human factor, when dry grass is burnt on agricultural lands next to forests, and when citizens break simple rules of fire safety in forests and on peat bogs - failing to put out campfires, throwing away cigarette butts etc.

For example, in the Bryansk and Orenburg regions, 82% and 94% of fires respectively started because of people handling fire carelessly. Agricultural burning accounted for 12 and 5.5% respectively.

However, the main cause of the catastrophic scale of forest and peat fires is said to be the crisis in the system of the national forestry sector, which was caused by ill-conceived reforms directed towards de-centralization of state management of the forestry sector, which involved the transfer of the majority of functions to the regions. All of these reforms were initiated by the Forestry Code that was passed in 2006. Fire-fighting functions are now the responsibility of the regions, and the federal center only has the functions of supervision and control. On the scale of the entire country, these functions are supposed to be carried out by around 12,000 administrative workers, instead of the 70,000 forestry workers who previously observed the state of forests all year round.

The network of forest fire stations and fire observation points, which was previously managed in a centralized manner, is now divided up between numerous separate organizations with differing status. Preventive work on stopping fires has virtually ceased, and mechanisms for detecting and putting out fires at various stages have virtually collapsed – things that the state forestry conservation service used to take care of. The zones of responsibility of different departments and organization for putting out fires on lands of various categories are unclear.

Forest farms, which previously carried out forestry activity in the regions in the capacity of departmental organizations, have been deprived of their previous status. Now, in order to receive budget funds, which are practically the only source for financing forestry work, which has dropped significantly in comparison with previous years, they must take part in auctions every year.

The result has been the impoverishment of forest farms, which were not prepared for market conditions of existence, and the departure of gualified personnel: the number of employees of state forestry organizations has dropped by four times (from 200,000 to 50,000), and many of them were laid off just before the start of the 2010 fire risk season. Fire-fighting equipment in forest farms was not updated for four years, and was only updated to an insignificant degree in the early 2000s.

24 branches of the Aerial Forest Protection Service, which serviced two thirds of the protected territory of the forest reserves, were liquidated. They were replaced with separate aerial protection units that were subordinate to each of their regions. Before the Forestry Code was passed, this department had 106 aircraft, and could rent at least 200 more, and up to 3,000 employees were in the parachute fire-fighting service. By 2010 the number of aircraft and fire-fighting employees decreased by half.

The Emergency Situations Ministry was unable to compensate for the lack of these people when the forest fires reached a catastrophic scale.

Supervision of the state of forest plots put up for rent, and prevention of forest fires on them was given under lease by the Forest Code to the leasers themselves. But in practice, it turned out that small and medium leasers could not avoid fire-fighting equipment themselves, and they could not provided effective protection. Forest auctions are not won by the most responsible applicant, but the one that offers the most profitable conditions.

After the "fiery" summer, the head of the Emergency Situations Ministry Sergei Shoigu called this a corrupt practice. According to data of the FFA, a third of all forest areas that burnt in 2010 were leased.

At the same time, financing of the forest sector in the country has officially increased by several times. However, the impoverishment of forest farms, and the increase of bureaucratic expenses has reduced these additions to nothing.

Real financing of forestry since 2006, according to ecologists' assessments, has dropped by at least double. Calculated by hectare, Russia in 2009 spent half the amount on forest management as Kazakhstan, and 13 times less than Belarus. 50 times less money is spent on putting out forest fires in Russia than in Canada, and over 100 times less than in the USA.

The last fire risk season showed guite clearly that the new decentralized system is so far not coping with its tasks. But at FFA, it is still believed that the new system needs to be given time to "establish itself and start working normally".

WHAT IS TO BE DONE?

The state is currently concerned about what measures need to be taken to make sure that the 2010 forest fire situation does not repeat itself. In the long-term perspective, serious work needs to be done on the current Forestry Code, and work in from fires.

billion in 2010.

The FFA has been named as the executive agent, and the main areas for the realization of this program are increasing the effectiveness of state management in the forestry complex and state control over observance of legislation of the RF in the field of the forest sector, ensuring stable management of forests, the preservation and increases of their resource and ecological potential, and ensuring the state inventory of forests.

this direction has already begun. Furthermore, the list of primary goals includes restoring centralized forest protection, aerial forest protection, drastic increase of expenditure on forest fire prevention, and forest restoration. A number of amendments have been passed to the Forestry Code, mainly concerning improvements to protecting forests

Other issues that have been touched upon include felling in protected forests, management of city forests, illegal felling, and a number of others.

Conservation organizations working within the Public ecological council under the FFA have taken an active part in working on these amendments. However, as ecologists note, the new version of the Forestry Code does not solve many serious issues of the Russian forestry sector. Threats involving fires and illegal feeling still remain. Further work is required on improving forestry legislation in a productive dialogue with the public.

The FFA hopes that the regions will draw conclusions from the fire risk season, establish interaction among one another, and also determine the amount of subsidies that each of them requires to purchase fire-fighting equipment. The total volume of funds which is allocated from the budget to these goals is 5 billion rubles. According to preliminary data, in 2011 the federal center will allocate 4.5 billion rubles to fight forest fires, as opposed to 2.2

All of these individual measures, however, are unlikely to be effective without comprehensive work to improve the situation in the national forest sector. By decree of the Government of the Russian Federation of 11 November, the "List of state programs of the Russian Federation" has been approved, which includes the program "Development of the forest sector".

Ecologists immediately criticized this list for its excessive abstraction, but it must be said that from any standpoint, the key areas on the list have been emphasized correctly.

Olea SOKOLENKO





RUSSIAN SAWMILLING INDUSTRY

STILL DRIVEN BY THE DEVELOPMENT OF EXPORT MARKETS AND FACING INCREASING CHALLENGES BOTH HOME AND AWAY.

Russian sawn softwood industry is recovering from a drop in growth. Structural change in the export markets continues to strengthen. Ilim Timber is a forerunner in becoming a global player. Business outlook shows significant opportunities as well as challenges both in Russia and at global markets.

SUPPLY AND DEMAND

Russian sawn softwood output continued to decline (-12.8% or 2.5 Mm³) for the second year in a row after peaking at 21.3 million m³ in 2007. However, exports increased by almost a million cubic meters, totaling about 18.2 million m³ in 2009.

As imports are basically non-existent, domestic demand calculated using official production and export data would only be about 600 000 cubic meters.

Fig. 1. Supply and Demand of Sawn Softwood in Russia, 1999-2010e

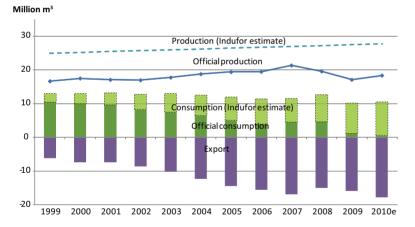
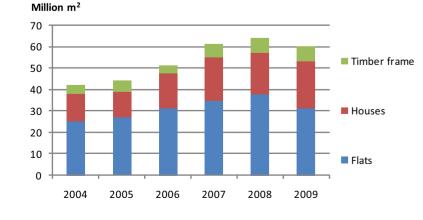


Fig. 2. Residential construction in Russia, 2004-2009



This level is a substantial underestimate and is explained by a lack of reporting and inclusion of predominantly small and medium sized sawmills. (This phenomenon is explained in more detail later on in the article.) The actual annual consumption level has likely ranged between ten and fifteen million cubic meters during the last decade.

In any case, domestic demand of sawn softwood is expected to have declined in 2009 following the abrupt end to the building boom.

In particular, the construction of single-family houses registered a significant drop and caused a decline in wood-frame housing as well.

Decreased sales prospects, in comparison to 2007, both on domestic and export markets were not the only explanation for declining production volumes in 2008 and 2009.

The decline in the sawmill production was made worse by the continued uncertainty related to the Russian roundwood export taxes. Harvest volumes dropped, which persisted in 2009, as the exports of assortments that are not in demand in Russia was not possible (e.g. pulpwood). This uncertainty also caused reductions in forest industry investments, although the goal of the taxes was to boost investments domestically.

EXPORTS

As mentioned, 2009 showed an increase towards the 2007 level in overall sawn softwood exports. Volume to China (ca. 3.9 Mm³) jumped by 44%, now accounting for almost one fourth of the total. Countries in Central Asia (Uzbekistan, Azerbaijan, Kazakhstan, etc.) form another major destination for Russian exports, also representing almost 25% of the total volume. These two are followed by the Middle East and North Africa (MENA) as well as Europe with shares of 17% and 16%, respectively.

During the last ten years, there has been a dramatic change in the structure of Russian exports. The European market used to be the dominant market, but its share has decreased constantly. Japan, another high end market with a four percent share of Russian exports in 2009, has witnessed rather stable volumes during the last ten years. China, the Middle East, North Africa and Central Asian countries have increased their combined share to approximately two thirds of the total export volume. These countries have traditionally been considered mainly as lower end markets, at least for the Scandinavian exporters. This can be seen for example in the difference between the average export prices in Europe and the MENA region. However, it must be noted that during the recent economic downturn, demand and prices stayed relatively high in the MENA region.

Even though overall imports have guadrupled in the Central Asian countries as well as in China during the last ten years, Russia's market share has further increased to a very dominant position. Overall imports in North Africa have remained stable, whereas countries in the Middle East have almost doubled their overall import volumes. All in all, Russia's share of the total imports to MENA region has increased and is approaching 40%. In Japan, Russia's share has increased only marginally, with declining overall imports and a decreasing market share in Europe, as mentioned before.

The Central Asian market has traditionally been supplied by neighboring countries. with Russia dominating imports, whereas the Chinese market has had more international competitors. Overall, there is a structural change ongoing in Chinese wood imports as sawn softwood is now replacing log imports, especially in regards to Russia. Therefore, China may become even more important as a sawnwood export destination than Europe was in the 1990s.

INDUSTRY STRUCTURE

North-West Russia and Siberia represent together over half of the Russian sawn softwood production. The South and Volga Federal District follows them with an almost 20% share of the national output.

In 2009, the ten largest sawmills in Russia produced altogether approximately 2.8 million m³, i.e. about 16% of the officially indicated national output. When small and medium sized mills are taken into account, which are expected



20

18

16

14

12

100 75

100%

90%

- 80% 70% 60% 50% 40%
- 30% 20%

10%

0%





Fig. 3. Exports of Sawn Softwood from Russia, 1999-2010

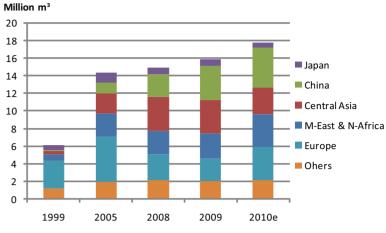
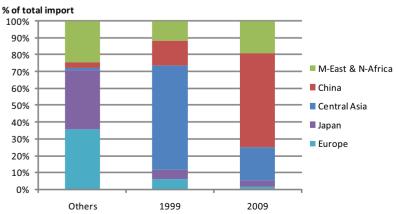


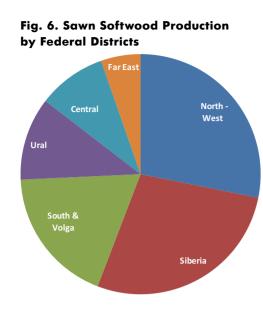
Fig. 4. Average Export Prices of Scandinavian Sawn Softwood in Europe and MENA region in 2009

Europe ME-NA Average - Pine Average - Spruce UK ITA SPA FRA BEL DEN ALG EGY ISR MOR S-AR UAE

EUR/m³ (FOB)

Fig. 5. Russia's Share of Sawn Softwood Import in 1999 and 2009





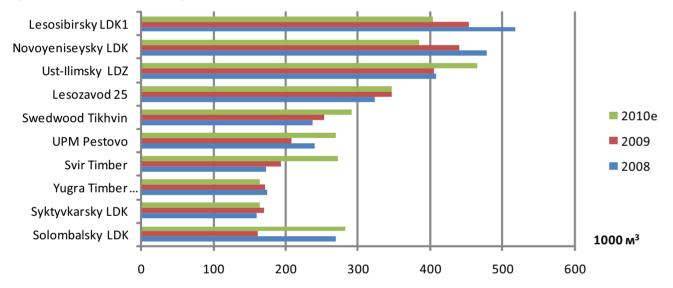
to be excluded from the official figures, the output of these ten largest sawmills is around ten per cent.

The three largest single sawmills, all with an annual output in excess of 400 000 m³, are located in Siberia. However, by number North-West Russia dominates the list of the largest sawmills in the country.

During the first half of 2010, Svir Timber and UPM Pestovo boosted their production significantly, +41% and +30% respectively, as did Solombalsky (+75%) in Archangelsk. This jump is at least partly the result of the severe raw material problems in the area in 2009.

The size structure of the Russian sawmilling industry has changed little over the years. There has not been any massive investment to change the ranking of the largest mills. However, the

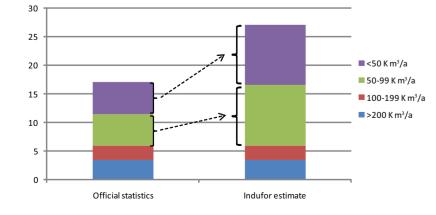
Fig. 7. Production of the Largest Softwood Sawmills in Russia





Production (M m³)

34



#4 (2011) RUSSIAN 🔬

recent start-ups of Western companies Swedwood, UPM, Svir Timber and Mayr Melnhof did put these companies in the Top-10 list. In June 2010, Ilim Timber successfully acquired Klausner Group's sawmills Klausner Nordic Timber in Wismar and Klausner Holz Bayern in Landsberg, Germany, as well as the brand new Linck sawline (originally intended to be used at the new Klausner site in North America) to be installed as part of modernization of the company's plant in Ust-Ilimsk. Both of the acquired mills are among the largest in the whole of Europe with 2.2 and 1.5 million m³ (input) capacities, respectively. The company already re-started the idle mill in Landsberg in the first week of September 2010 with one shift operations. This acquisition

can be considered as the first serious attempt by a Russian sawmilling company to expand outside the country's borders. Overall, the Russian softwood sawmill industry is still very fragmented, and dominated by mills with an annual capacity of less than 100 000 cubic meters. A significant share of these mills is expected to be missing from official statistics, resulting in a misleading supply and demand balance in the country.

Most of these small and medium sized mills focus their sales on the domestic market with local clients. However, there are naturally also some companies with a pure export focus in these size categories. On the other hand, the largest Russian sawmills sell practically all of their output to the export markets.

RAW MATERIAL SITUATION

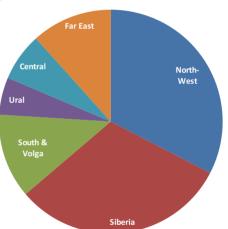
The North West and Siberia are also the largest roundwood suppliers in Russia. Both of these are also net exporters to other districts within the country as well as to neighboring countries such as Finland and China.

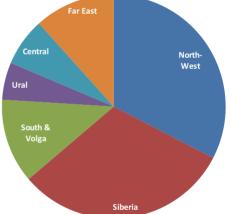
During the first half of 2010, there was twofold development in softwood log harvesting activity in Russia. Harvesting volumes increased significantly (ca. +14% vs. 2009) in Siberia and Far East, whereas other regions witnessed stable or even decreased (Ural -7%, Central -4% and North West -2%) volumes. Despite the higher overall harvesting volumes (+9% vs. 2009) in the country, the current level is still well below (-14%) the peak year of 2007.

OUTLOOK

The Russian forest industry has for a long time been seen as having enormous growth potential. However, there are considerable challenges in making this potential a reality – a fact that also applies to the future outlook of the country's sawmill industry.

Firstly, the Russian sawmill industry continues to lag behind in product sales values relative to its competitors in several markets. This has been due to perceived product quality issues resulting mainly from outdated technology as well as differences in service levels, such as timeliness, ease of payments, and claim handling. These service issues partly result from the lack of local presence – Russian companies basically do not have sales offices or terminals/landed stock in the key export markets.





Secondly, cost inflation in Russia is guite rapid relative to the overall product sales value outlook. Sawn softwood prices have remained relatively flat in the long term, especially on the large well established markets. The combination of flat long-term price outlook and increasing costs eats away at the profit margin potential of the Russian industry.



Fig. 9. Sales Focus of Different Size Sawmills in Russia

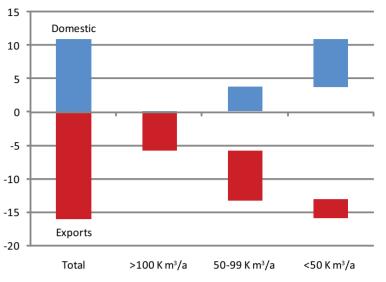
Million m³

5

-5

-15

-20

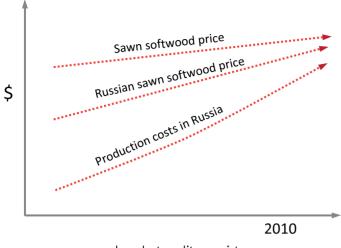




However, the Russian sawmill industry still has plenty of potential to become an even larger and more successful player in the market. To achieve this, the industry will have to:

1. Develop its marketing, sales and product offerings, so that it can take full advantage of the inherent value of its high quality raw material. It needs to focus on distribution channel development, service and logistics reliability,

Fig. 11. Development of Sawn Softwood Sales Price and Production Costs



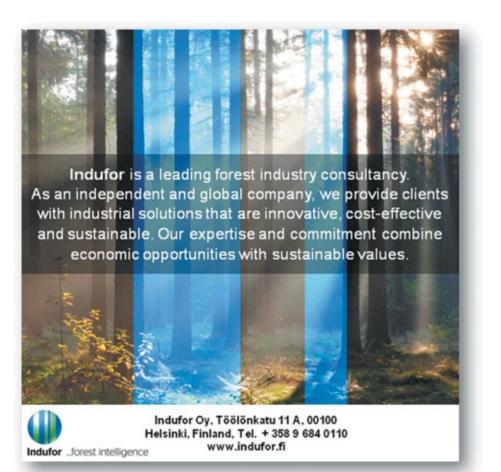
and product quality consistency.

2. Improve the productivity of manufacturing and raw material sourcing. As log costs are a major cost factor, optimizing log deliveries and log utilization are keys for reducing the impact of cost inflation. Improving efficiency in other input use has less impact on total costs.

In addition to opportunities in different export markets, the development of the domestic sawnwood market could offer significant potential for all Russian sawmill, regardless of their size and the current sales focus.

However, this opportunity will most likely take more time to materialize, and require changes and harmonization of the building methods and standards between different regions and cities, as well as development of the existing supply chain of various building products. An attractive and dynamic domestic market would benefit the Russian sawmilling industry, and boost it to further expansion and success.

> Jarno Seppälä Wood Product Specialist Indufor Ov



PROSPECTS FOR THE MDF AND PARTICLEBOARD INDUSTRY IN RUSSIA

In the past few years, the Russian Government has actively pursued a policy of encouraging the production of value added forest products from its huge forest resource, rather than exporting logs. The main policy instrument is an export tax on logs, which has not yet been fully implemented. This has been combined with other policies such as lower import duties on wood processing equipment.

Wood panels such as medium density fiberboard (MDF) and particleboard (PB) are value added products that could make a significant contribution to production within Russia. What are the prospects for producing MDF and PB in Russia, in the current economic and industry environment? What impact will it have on the global wood panels industry? Is an export tax on logs the best policy? If not, what are the best policies to encourage investment in MDF and PB facilities in Russia?

GLOBAL FINANCIAL AND ECONOMIC CRISIS

The value added policy in Russia has been impeded by the onset of the global financial and economic crisis, which has its source in the United States housing and financial markets. The crisis resulted in a major decline in world economic growth, and in the demand for forest products. Just prior to the full onset of the crisis, GDP growth in North America, Europe and Japan was anemic at best. Notable exceptions were China, South Korea, South Asia, Australia and South America, all of which showed consistently strong growth in 2008.

The full impact of the crisis hit in early 2009, and resulted in recessionary conditions in most countries. While growth slowed in virtually every an internal development and growth dynamic with a huge population base, were the key driving economies for growth in this group of countries. Indonesia, Vietnam and Australia are all highly dependent on exports to China, and have benefited from direct investment from China, especially in the resource sector. Every country in this group was also very quick to respond to the global financial and economic crisis with well timed fiscal stimulus programs and easing of monetary policy.

GLOBAL UPSWING

In 2010 GDP growth has been relatively strong in most countries. While there is still some fragility



country in 2009, and declined in many, several avoided the recession, and some showed very solid growth as a result of government initiated fiscal stimulus programs and aggressive easing of monetary policy.

The hardest hit economies were North America, Europe, Japan, Malaysia, Thailand, New Zealand, and South America. GDP declined in all of these economies, most of which were highly dependent on exports to the United States, and to Europe.

China, India, Indonesia, Vietnam, and Australia however, all recorded relatively strong growth in view of the severity of the downturn in most countries. China and India, which have generated an internal development and growth dynamic with a huge population base, were the key driving economies for growth in this group of countries.

in Europe and North America, the beginnings of a sustained upturn appear to be in place. Over the next five years, I would therefore expect a strong and sustained synchronized world economic upswing, with much of the growth generated in North and South Asia and supported by recoveries in North America and Europe. The main risk is that the rapid easing of fiscal and monetary policy could result in asset bubbles in countries such as China and India, and this could trigger a premature cyclical downturn with a significant impact on other countries. This is not likely to occur however, as both economies have significant scope for generating growth without inflation, and for expanding growth in the per capita income of a very large population base.

The key end use sectors for MDF and PB, housing construction and furniture manufacturing are primed to move into a strong upward phase of the cycle in key world regions. The downturn in housing construction in the United States reached the bottom of the cycle in 2009, and began to move into what is likely to be a rapid five to six year upswing in mid 2010. A strong recovery in housing construction will drive economic growth not only in the United States, but in many of its key trading partners around the world. It will also drive renewed demand for furniture, and ultimately the demand for MDF and particleboard. Housing construction in other key regions such as Europe and Asia will also generate an upward phase in the demand for MDF and PB for a four to five year period, with very strong growth in the next three years.

While Russia's value-added forest products policy was set back by the economic crisis, the forthcoming upturn places it in a very good strategic position to develop the forest products industry. Russia can maximize these advantages by ensuring that broader policies to supplement the export tax on logs minimizes any perceived risk by the domestic and international investment communities.

RUSSIA'S STRENGTHS

Russia is in the enviable position of having the largest harvestable forest resource in the world. It possesses an estimated 20% of the world's forest resource, and is a major supplier of logs to producers in Europe, China, Japan, South Korea and many other countries. Estimates are that Russia currently supplies 40% of the world's softwood log exports, and 30% of hardwood log exports.

At the same time, there are constraints on tropical hardwood log supplies from traditional sources such as Southeast Asia, where harvesting on a non-sustainable basis and illegal logging has depleted the resource. Producers in North Asian countries, including China, Japan and South Korea, have a strong reliance on imported logs, and Russia is currently the main source of supply. There is also a softwood supply problem developing in Canada as a result of the mountain pine beetle, which could result in a significant decline in the supply of softwood logs in Canada.

This places Russia in a key strategic position as a source of forest products in the global market, whether it is in the form of logs, or value added products such as MDF and PB. The global supply problem is also a considerable advantage to other countries such as Chile, Brazil, Uruguay, Australia and New Zealand, where softwood and eucalypt plantations have been increasing rapidly. The development of these plantations has been driven by favorable government policy and by long term investments in forest resources by "timber investment management organizations", often on behalf of pension funds who consider them to be good long term investments. Forest assets in Russia and other regions can only increase in value in an environment where they are viewed as "valuable" not just for the products, but as carbon sinks in a warming climate, and for their biodiversity.

THE WOOD PANELS INDUSTRY IN RUSSIA

Production and consumption of MDF and PB in Russia have grown at a rapid pace over the past five years. Production for both products combined has grown at a rate of 7% annually, while consumption has grown at a rate of 4%, despite the downturn in 2009.

Russia has been a significant net importer of MDF and PB over the past five years, but with a strong increase in production, it is now in a position to export greater quantities of both particleboard and MDF. By 2013, net exports are projected to be approximately 350,000 cubic meters of particleboard and 600,000 cubic meters of MDF.

The production projections are based on plans for expansion, which include six MDF lines with a total capacity of 1.6 million cubic meters, and two particleboard lines with a total capacity of approximately 700,000 cubic meters. This is estimated to be 12% of the planned new expansions across the globe, which is significant. Several of the new and existing plants have been established by investors from other countries, mainly Europe. These include Swissbased Kronospan, German-based Pfleiderer, and Turkish-based Kastamonu.

The projections assume that growth of consumption in Russia will accelerate rapidly in the next three years, as the global economy, along with Russia's, moves into an upswing. Annual growth of consumption in Russia to 2013 is projected to be 17%, which is similar to the rate of growth in 2006 and 2007.

Production and consumption of MDF is projected to be much more rapid than PB. Production of MDF is projected to increase by 32% annually and PB 13%. Consumption of MDF is projected to increase by 26% annually and PB by 14%. As production increases, Russia will no longer be dependent on imports of MDF and PB, and will increasingly have the capacity to export. Projections are for net exports to reach 900,000 cubic meters by 2013, which is a significant change from 2005, when net imports exceeded 600,000 cubic meters.

While Europe remains the dominant producing region for particleboard, China has become the dominant producer of MDF in the world. One of the key reasons for the rapid development of the forest products industry in China, particularly wood panels such as MDF, was China's attractiveness to furniture manufacturers from Taiwan, South Korea and Japan. Many of these manufacturers shifted their existing operations to China beginning in the mid-1990s to take advantage of lower cost structures, a potentially huge and developing domestic market based economy, well developed infrastructure in China's eastern seaboard, a tax system favorable to furniture exports, and a contractual and legal system conducive to business development, foreign and domestic investment and international trade. Furniture manufacturers located initially to "special economic zones", which were created in the early 1980's as part of a policy to reform the national economy by opening it to the outside world. The zones were intended to encourage business development, attract foreign investment, and encourage exports.

BIS Forestry

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BIS Shrapnel Forestry provides independent analysis and forecasts of forest product markets in Australasia, Europe, North and South America, and North and South Asia. The company has a reputation for accurate forecasts and a rigorous analysis of the factors that drive demand, supply and prices in the forest products industry worldwide.



RUSSIA'S CHALLENGE AS A GLOBAL WOOD PANELS PRODUCER



> Sawn timber (lumber)

BIS Forestry also provides customized privately commissioned research to identify market opportunities, strategies and prospects for trade and investment.

The investments by these manufacturers underwrote the development of the MDF industry in China from virtually no producers in the early 1990s, to a country that produced 40% of the world's MDF in 2010. This is a remarkable achievement. But the MDF industry would not have developed without the strong demand for its product from domestic furniture manufacturers and other end users.

A major constraint to further development of the wood panels industry in China is that it relies on imported logs, mainly from Russia, to produce MDF and other forest products. This is one of Russia's key strengths, and the underlying rationale for an export tax on logs. But an export tax on logs is not sufficient to make Russia a dominant producer of forest products.

The key challenge is to make Russia a more attractive investment destination for both domestic and foreign investors than other forest resource rich areas such as South America and Australasia, or countries that are the centre of MDF and PB production, such as China. Foreign and domestic investors base the location of their investments on a wide range of factors to maximize returns, and to minimize risk. Important high return and low risk factors include a very positive investment climate, a strong domestic market based economy, institutions and instruments that favor exports, a high level of commitment to infrastructure development, well functioning legal, financial and democratic institutions, and low levels of corruption.

Russian based producers of MDF and PB must also have strong domestic and export markets for their products. This can be encouraged by policies that create a climate conducive to investment, whether it is foreign or domestically financed. A positive investment climate is important not only for potential investors in MDF and PB production facilities, but also for investors in key end use sectors such as furniture manufacturing and housing construction. It is also critical to supplying industries such as equipment and resin manufacturers. The wood panels industry will only develop to its full potential if policies are in place to drive forward furniture manufacturing as a strong domestic and export industry, as well as other sectors that use MDF and PB, such as the construction of wooden houses.

The forthcoming economic upswing presents a golden opportunity for Russia to be a major global producer and consumer of MDF and PB.

Will it seize the opportunity?

Bernie Neufeld BIS Shrapnel Ptv Ltd

MDF and PB production, net exports, and consumption, Russia, 2005–2013

Year		Production			Net Exports			Consumption		
rear	PB	MDF	Total	PB	MDF	Total	PB	MDF	Total	
Actual				Thousa	ands of cubic	meters				
2006	4717	513	5230	-383	-483	-866	5100	996	6096	
2007	5501	1078	6579	-101	-466	-567	5602	1544	7146	
2008	5751	1171	6922	-61	-293	-354	5812	1465	7278	
2009	4562	1003	5565	325	-15	310	4237	1019	5256	
2010	4700	1100	5800	380	45	425	4320	1055	5357	
Forecast										
2011	5200	1500	6700	350	200	500	4850	1300	6150	
2012	6000	2300	8300	300	500	800	5700	1800	7500	
2013	6800	2700	9500	350	600	950	6450	2100	8550	
Actual				P	ercent chang	je				
2006	20	15	20	**	**	**	20	28	21	
2007	16	110	26	**	**	**	10	55	22	
2008	5	9	5	**	**	**	4	-5	2	
2009	-2	-14	-20	**	**	**	-27	-30	-28	
2010	1	10	4	**	**	**	2	4	2	
Average	12	26	7	**	**	**	2	10	4	
Forecast										
2011	11	36	16	**	**	**	12	23	15	
2012	15	44	24	**	**	**	18	38	22	
2013	13	17	14	**	**	**	13	17	14	
Average	13	32	18	**	**	**	14	26	17	

Source: BIS Shrapnel Forestry "Medium Density Fiberboard in the Pacific Rim and Europe; "Particleboard in the Pacific Rim and Europe"

WOOD CONSTRUCTION IN RUSSIA IN THE 21ST CENTURY: THE FINNISH VIEW

The Finnish Forest Research Institute (Metla), established in 1917, is the main forest research institution in Finland and one of the biggest forest research institutes in the whole of Europe. It is a sectoral research institute, working under the Ministry of Agriculture and Forestry. The total number of staff is around 800, of whom 330 are researchers. Metla has four regional units located throughout the country.

Forest-based enterprise and business activities are one of the research priorities in Metla. Moreover, Metla has extensive research in the field of international forestry, wood construction in Russia being one of its recent research topics.

The beginning of the 21st century has been a favorable period for wood construction in Russia. Wood is becoming a viable material for single-family house construction, although the usage of wood products per capita in Russia is still low compared with many other European countries.

The following review describes the present state of wood construction in Russia and its future prospects.

THE GROWING VOLUME **OF CONSTRUCTION**

Since the year 2000, housing production in Russia has grown rapidly. According to Rosstat, in 2000, the total housing construction volume was 30 million sg. m. The post-Soviet peak was achieved in 2008 when the volume grew to 64 million sq. m. Because of the latest economic recession, in 2009 this amount levelled off to 60 million sq. m. Construction has been concentrated in metropolises and areas with oil production. Besides Moscow, Saint Petersburg and their surroundings, Krasnodar Krai, the Republic of Tatarstan and the Republic of Bashkortostan boast the greatest annual construction volume in the federation.

Although wood has traditionally been an important construction material in many areas in present-day Russia, nowadays it is a minor material compared with concrete and brick.

GOVERNMENT SUPPORT AND OTHER PROMOTIONAL ACTIONS STIMULATE THE USAGE OF WOOD



Its share has, however, increased during the last few years. Although in one-family house construction, log house construction supposedly maintains its status as a significant form of wood construction, prefabricated wooden houses have taken root in Russia. According to the Wood Housing Association of Russia (Assotsiatsiya derevyannogo domostroveniva), the total share of wood in detached house construction in 2009 was 39%

Russia has established a set of national priority programs whose aim is to develop social welfare. The national program 'Affordable and Comfortable Housing' (Dostupnove i komfortnove zhilve) has concentrated on the creation of conditions for development of the housing sector. The development and increase of low-level wood construction has been seen as a partial solution in the program's implementation at federal level. The program is also a response to the need to improve the domestic wood product industry. Although the main focus is on social aspects, the political will to enhance wood construction presumably reflects the usage of wood in other projects as well.

In addition to this, the outgoing standardization reform has had an impact on the future of wood construction. The national aim is to renew the outdated Soviet standardization system in order to respond to the needs of today. Remarkable aspects of this renewal are the quality requirements and specifications for different structural systems (such as log houses

or prefabricated houses) and house types (such as single-family houses or townhouses).

The adaptation of international standards would offer several benefits in terms of wood construction in Russia. It would mean the possibility of taking advantage of imported wood products more easily. The competitive position of the Russian wooden housing industry on the international markets would also improve. On the other hand, such adaptation would also increase international competition on Russian domestic markets.

SITE DEVELOPMENT PROJECTS IN THE SURROUNDINGS **OF SAINT PETERSBURG**

Alongside the individual business-to-customer (B-to-C) housing construction, large-scale business-to-business (B-to-B) wood construction offers an alternative model for enhancing the use of wood. Its benefits include scale advantages and effective industrial manufacturing.

The following two models have been implemented in the Saint Petersburg and Leningrad regions during the last few years.

Novaya Izhora is a wood construction site in the Kolpinsky District of Saint Petersburg. It was built by the vertically integrated Baltros group. The DSK Slavyanskiy company, operating as part of the group, supplies the houses for the site. The total area of Novava Izhora is 285 hectares and the aim is to build 4,500 dwellings as singlefamily houses and townhouses. This site strongly supports the quantitative objectives of the national project in construction and offers the possibility for a number of families to own and occupy a house not far from Saint Petersburg. On the other hand, the regional planning of the site is simplistic and customization of the houses is poor.

Kymleno is a residential area with 36 dwellings, built by YIT Lentek, a land development company, in cooperation with several Finnish wood housing manufacturers. It is located in Koltushi, Leningad Oblast, some 25 kilometers east of Saint Petersburg. The purpose of the site is to demonstrate Finnish-type wood construction in Russia. The territory layout, planning and individual construction have been salient points. The challenge in this kind of model is to achieve reasonable costs of construction and possibly to adapt house styles more to the Russian environment.

One of the important factors in the promotion of wood construction is the image creation and sales promotion of wood construction. The wood housing industry should also be able to show the benefits of wood construction from the viewpoint of a potential client. The transformation of public opinion towards wood construction needs time. Consequently, the construction of new experimental areas concretizes the development of wood construction.

The challenge is to get suitable land areas for building sites. Close collaboration with the planning authorities plays a major role in project implementation. In the metropolitan areas intensive land use and high site prices form an effective obstacle to low-rise wooden construction. This diverts wood construction to distant suburbs and small population centers. Alternatively, in some cases Swedish, British and North American models for constructing multistorey wooden buildings could be adapted. Such multi-storey construction initiatives, however, have not yet appeared in Russia.

NEW ENTERPRISE COLLABORATION FORMS AND ENTREPRENEURSHIP ARE **BECOMING MORE WIDESPREAD**

Vertically integrated conglomerates are the traditional way to implement construction projects in Russia. Many of them operate regionally and date back to Soviet Russia. Apart from these, new specialist companies have arisen during the last decades. The central trends during the last few years have been the segregation of construction segments and the growing activity of foreign companies.

The form of the enterprise structure has a particular impact on B-to-B wood construction. According to Metla's survey of Russian wood construction specialists in 2009, for the following five years, vertically integrated conglomerates will still play a major role in wood construction. After that, land developer controlled projects and western-style competition will follow. During the next five to ten years the position is expected to be reversed: competition will have the main position, land development will be second and conglomerates will lose their position. This radical change would enhance the status of small-business activity in the wood product industries. On the other hand, markets would require increasing confidence that land acquisition policy would be firm and

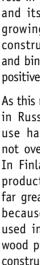
co-operation relationships would be reliable. The improvement of guality and keeping to timetables would also be crucial.

Many international construction and wood product industry companies aim to establish fixed places of business in Russia, and vice versa: Russian companies have already bought some wood product and log house manufacturers in Finland.

In contrast to the Western European practice, the furnishing of houses has traditionally been the responsibility of the homeowner in Russia. Rising standards of living will lead to new business areas in furnishings services. To ensure the availability of products, the development of the wood product wholesale trade and DIY stores will be very important.

FUTURE PROSPECTS

The housing density in Russia is still much lower compared with the majority of European countries, which presumably will keep the level of construction very high during the next few years. Russia needs both unique promotional objects and effective large-scale volume production of wood construction. The wood construction projects for Sochi's hosting of the 2014 Winter Olympics belong to the first of







those aspects. Promotional objects familiarize potential clients with the possibilities of modern wood construction and create a base for conventional projects.

According to a survey by Metla in 2008, environmental concerns did not play a notable role in house construction in Saint Petersburg and its surroundings, but may still have a growing effect on the popularity of wood construction. Wood both regenerates itself and binds carbon very effectively, which has a positive impact on slowing down climate change.

As this review has illustrated, wood construction in Russia is undergoing major changes. Its use has increased rapidly, but it has still not overtaken the use of concrete and brick. In Finland, the current annual use of wood products is about 1 m per capita. This is far greater than the Russian level. Therefore, because the majority of wood material is used in construction, increasing the use of wood products by improving their usability in construction has significant potential for the Russian forest industries, and could substantially enhance their vitality.

> Juhani Marttila Researcher Finnish Forest Research Institute

CENTRAL FEDERAL DISTRICT

Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

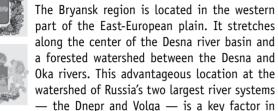


BRYANSK REGION

The Bryansk region is a dynamic Russian region often referred to as a bridge connecting three countries: Russia, Belarus and Ukraine.



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the region's development.

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GEOGRAPHIC POSITION

The Bryansk region is part of the Central Federal District and lies in the western part of Russia. It borders the Smolensk region in the north, the Kaluga and Oryol regions in the east, Belarus in the west, and the Kursk region and Ukraine in the south.

The region's area is just 34,500 km² (62nd place by area among the regions of the Russian Federation). The length of the region is 270 km from west to east, and 190 km from north to south. The population is about 1.3 million people.

The administrative unit of the Bryansk region was established on June 5, 1944, by separating the western part from the Oryol region.

The region has 2,664 populated areas. The largest city is the city of Bryansk, the regional center, with a population of 411,800 people, which lies 379 km to the southwest of Moscow. The other populated areas have less than 100,000 people; the biggest ones are Klintsy, Novozybkov and Dvatkovo.

CLIMATE

The climate is moderate continental. Temperatures average -8 °C in January and +19 °C in July. The region is close to the main routes of cyclones and anticyclones moving over European Russia. This accounts for unstable weather, especially in transitional seasons. The average annual precipitation amounts to 550-600 mm, the heaviest being registered in the northern Dyatkovo and Bryansk districts, and the least within the Pochep-Klimovo-Novozybkov strip. The month of July sees the most rain.

Winters are guite mild, cloudy and characterized by short thaws. Springs are long and changeable: cold snaps and ground frosts occur until late May. A rainy spring is highly unusual in this region. In summer, rain and thunder storms are common, although long periods between rainfalls may result in drought. The autumn comes in early September, and lasts for 70 days, traditionally interrupted by an Indian summer. The first frost usually occurs in the second half of September. Snow cover sets, as a rule, by December 10-15.

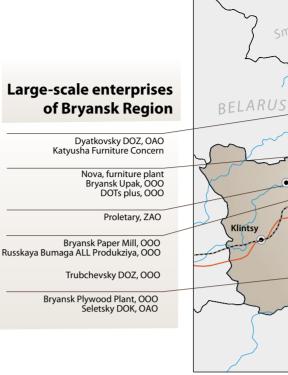
NATURE

The relief is mostly an undulating plain: lowlands give way to hills and gently sloping highlands. The Desna River crossing the region divides it into two parts. The right bank has high, uneven slopes; the left bank is undulating lowland with river terraces. The lowest point of the region is 125 meters above sea level, located on the left bank of the Desna River, near the Belava Beryozka settlement.

The region enjoys a fairly dense and branched waterways system comprising 120 rivers with a total length of 9,000 km. Most rivers are located in the east and center of the region. The northeastern part of the Bryansk region is the Volga-Dnepr watershed where the Resseta, Vytebet, Lubna and Tson rivers, belonging to the Oka basin, take their rise. Most local rivers, including the Desna, belong to the Dnepr basin. The length of the Desna River within the region is about 500 km. The second and third longest rivers of the Bryansk region are the Iput and Besed rivers, tributaries of the Sozh River.

The region is rich in floodplain and sinkhole lakes, as well as man-made bodies of water; the biggest ones are Beloberezhskoye Lake (300 ha) and Bytoshsky Pond (260 ha). Bryansk's bodies of water are home to 44 species of fish.

The region has various soil types, from black soil to wind-blown sands. The north and west are dominated by podzolic soils (occurring in 65% of the area), while the south and east mostly



have gray forest soils (about 25% of the area).

Forests are the region's main treasure. All types are present: coniferous, broadleaved and mixed forests, as well as forest steppe and steppe around cities. In particular, spruce-broadleaved forests cover the north of the region, pinebroadleaved forests with spruce inclusions are predominant to the south of Bryansk city, and hornbeam grows in the west. In the southeast, the forest turns into forest steppe. The largest forest stands are observed on the left bank of the Desna, where they stretch over nearly thirty kilometers.

The fauna is guite diverse, increasing at the expense of acclimatized species introduced from other regions, for example, the raccoon dog, musk beaver and wisent.

TRANSPORT

The Bryansk region is a major hub of railway and automobile roads, as well as of oil and gas pipelines. It stands on the shortest transport routes linking Moscow with Western Europe via Ukraine, and St. Petersburg with the south of Russia.

The region is crossed by the M3 Moscow - Kiev, M13 Bryansk - Novozybkov - Belarus border, and A141 Oryol - Roslavl - Rudnya federal roads. Bryansk international airport, located

SUBSOILS

Most minerals of the Bryansk region occur close to the surface, so open-pit mines are used to develop deposits. peat stock is 1.5 times as large as the total

Bryansk land is particularly rich in peat; its stock of the Oryol, Kaluga, Tula and Kursk regions. Bryansk peat fields stretch for 82,000 ha, and the total area of peat deposits and beds approaches 125,000 ha. The largest peat deposits are Kozhanovskoye, Rekta (Klintsy district), Chistoye, Teploye (Bryansk district), and Vazovskoye (Zhukovka district).

The second position belongs to phosphates, which are used to make fertilizers. The region has 44 registered phosphate deposits, located mainly on the left bank of the Desna River, with a total stock exceeding 150 million tons. At present, only the Polpinskoye deposit (Bryansk





14 kilometers from the city of Bryansk, is a Russian gateway to southwestern directions.

From ancient times, the Desna River was an important transport route used by merchant vessels sailing to the Dnepr, Don and Oka rivers. Before the war, the river was navigable within the Bryansk region, but now navigation is impossible: due to insufficient depth, the Desna River is accessible only for shallow-draft vessels.







Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

district) with a stock of 62 million tons is exploited.

The largest Kozhdanovskove sapropel deposit is located in the Klintsy district. Sapropel layers are also found in the Novozybkov, Pochep, Starodub and Trubchevsk districts. The region is fairly rich in chalk, which is used for various industrial applications. The Fokinskoye deposit (Bryansk district) is the most significant; the raw material extracted from this deposit is used to produce cement. Chalk from the Seltsovskove deposit located in the same district is used for the manufacture of panes and fiberglass. The nearby Bezhitskoye deposit supplies a calcium silicate brick plant. Tripoli earth, high-quality

natural marlstones, various clay and loam types and sands are also extracted. Iron ores are represented by siderites and shallow-lying brown iron ores. In the second half of the 18th century, the Bryansk industrial district occupied a prominent position in Russian metallurgy, trailing only the Urals and Middle Oka industrial district in terms of production volumes. However, the mining of Bryansk ores stopped after the commissioning of a railway linking central Russia

INDUSTRY

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The plain landscape of the region favors all agriculture subsectors, integrated industrial facilities and construction. Obvious competitive advantages include the region's attractive geographical location, proximity to Ukraine and Belarus and good transport communications.

The core industries of the Bryansk region are mechanical engineering and metalworking. The local machine-building plants manufacture over 80% of Russian motor graders, 73% of diesel-

Export and Import Commodity Structure, 2009 (\$mln)

countries
turn out
import
562.0
134.2
18.4
44.7
0.3
28.3
15.9
89.4
207.2
23.6

According to the Bryansk regional agency of the Federal State Statistics Service

powered locomotives, and 14.7% of wheelmounted cranes.

The top industrial companies are ZAO UK Bryansky Mashinostroitelny Zavod, 000 PK Bezhitsky Stateliteiny Zavod, ZAO Bryansky Avtomobilny Zavod, OAO Bryansky Arsenal, and OAO Klintsovsky Avtokranovy Zavod.

According to the local department of industry, transport and communications, the region will continue to focus on the manufacture of vehicles and equipment. In particular, the program for industrial growth through 2012 foresees the development of machine building (heavy-duty energy, transport, chemical, oil, electrical, road construction and utility engineering), manufacture of structural materials and instruments, and the defense industry. Each group is expected to show at least 105% annual growth. The region also has electronic, chemical, woodworking, pulp and paper, commodity and textile industries.

FOREIGN TRADE

According to the Bryansk regional agency of the Federal State Statistics Service, foreign trade turnover was \$1,034 million in 2009 (68.2% of the 2008 volume), including \$195 million of exports and \$839 million of imports.

The major share (69.8%) of foreign trade turnover is provided by the CIS. The biggest countries exporting Bryansk products are Belarus, Ukraine, Kazakhstan, Italy and Lithuania. The five main importers are Ukraine, Belarus, Germany, Turkey and Poland.

The leading positions in export are held by machines, equipment and vehicles, metals, foodstuffs, timber and timber products.

THE SPRUCE: A SYMBOL OF THE REGION

BRYANSK FORESTS ARE QUITE ATTRACTIVE COMPARED TO OTHER REGIONS

The Bryansk region can hardly be described as rich in forest areas: forests cover just a guarter of its area. They became the symbol of the region long ago, however.

The region is so proud of its forest treasures that its coat-of-arms portrays a spruce surrounded by an oak-leaf garland. The same motif can be found on the region's flag.

FOREST CONDITIONS

Bryansk forests, largely dominated by conifers, compare favorably with forests in other regions because they are compact and highly productive;

they enjoy an extensive road network including both public and forest roads.

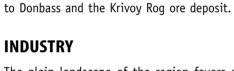
The area of the Bryansk region in which forests grow is 1,236,900 ha, including 1,149,200 ha covered with forest. A significant part of the forest — 665,400 ha or 54% of its total area is protected. Exploitable forests cover 571.5 ha or 46%. The share of coniferous forests is 48%, hard-wooded broadleaved trees occupy 6%, and

The age structure is characterized by the predominance of middle-aged trees, making up 48% of the forests. Young stands account for 18%, 17% are maturing, and another 17% are mature and old-growth. The average stand age is 49 years.

soft-wooded broadleaved species occupy 46%.

Artificially planted forests, including unclosed stands, stretch over 303,000 ha, making up 29% of the region's forestland.

The total stock is 226 million m³. According to the regional authorities, the approved AAC is 1.5 million m³, including 397,000 m³ of conifers, 55,000 m³ of hard-wooded broadleaved species and 1.1 million m³ of soft-wooded broadleaved species.



LEASING

- At present, 121 forest sites with a total area of 580,500 ha and an established timber harvest of 1,213,300 m³ are lease forests. Further forest lease offers are:
- a site for harvesting and collecting nontimber forest resources (moss) - 63 ha;
- 6 sites for hunting management 34,298 ha;
- a site for research and training purposes -10.074 ha:
- 19 sites for recreational use 73 ha;
- 9 sites for geological exploration and minerals development - 146 ha;
- 18 sites for the construction, reconstruction and operation of power transmission lines, communication lines, roads, pipelines and other linear facilities – 218.3 ha.
- In 2009, 15 forest sites with an area of 91,500 ha and harvest level of 120,800 m³ were leased to investors (the lease term is 20 years starting from January 1, 2010). This year, the rights to conclude 24 forest lease agreements for 110,000 ha, providing for an annual harvest of 140,000 m³, have already been sold.
- "In this respect, the major issue is the impossibility of leasing the same forest site to several businessmen for different forest uses," says a representative of the Forest Inspectorate of the Bryansk region. "Forest plots may not be subleased for purposes other than timber harvesting. Most leaseholders exercise timber harvesting as the sole type of forest use and



the Russian Federation."

FOREST ROADS



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region



Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



currently a burning one. This problem is however common in all forested regions of Russia.

RADIATION

The region sees a high level of environmental concern, primarily due to radioactive contamination suffered by the area. Twentyfour years ago, after the nuclear explosion at Chernobyl nuclear power station, Bryansk forest was the most exposed to radiation and most heavily contaminated.

have no right to use forests for other purposes

as stated in Article 25 of the Forest Code of

The Bryansk forest has enough roads in

general, but lacks improved or hard-surface

roads, which make up only 2% of forest roads.

Existing unsurfaced roads within forestry

management units, especially all-season ones,

are quite uneven. This is an obstacle to forest

management within the forestry units, as the

Forest Inspectorate admits. The dominant

unsurfaced roads cannot reliably serve machines

and equipment: they quickly deteriorate and

The issue of road construction and repair is

need continuous maintenance.

The area of Bryansk state forest fund contaminated by radionuclide as of December 31, 2008, was 296.7 ha. These forests are mainly concentrated in the compulsory evacuation and alienation zones, where forest management is suspended in accordance with radiation-safety standards. The stock in the most radioactive contaminated zones (above 15 Ci/km²) is 6.3 million m³, including over 0.6 million m³ of mature and overmature wood, 0.3 million m³ of which is coniferous wood. The Forest Inspectorate says that this wood may and should be used, provided that constant radioactive control is maintained in the logging sites.

In 1990, a Radiation Control Service was created in the Bryansk Forest Inspectorate on the order of the Forestry Agency. In 1996, radiation control laboratories performing annual monitoring were established in the Zlynkovsky and Klintsovsky forestry enterprises. In 2006, on the orders of the Forestry Agency, such radiation control services and forest pathologists in administrative regions of the Russian Federation became subordinate to the Russian Forest Protection Center.

Bryansk forests are now covered by the Forest Protection Center of the Kaluga region, which has been involved in radiation monitoring in contaminated forests since 2007. From 2007-2009, the center examined 149,849 ha of contaminated forests of the state forest fund.

The inspection of all of Bryansk's forests is planned to be completed by 2011.

"Protection from fire is one of the priority issues in radionuclide-contaminated forests in southwestern districts of the Bryansk region. Wildfires pose a great threat due to the risk of transferring radionuclides and secondary contamination of areas," say officials in the regional Forest Inspectorate.

REGENERATION

Reforestation is carried out by means of forest reproduction and regeneration methods. For leased areas, regeneration is the responsibility of leaseholders, for other areas, it is ensured by organizations that have won state orders funded by subventions from the federal budget.

According to the Forest Inspectorate, an average of 2,800 ha are reforested every year, 2,400 ha of which are reforested by leaseholders. Moreover, 2,000 ha of plantations receive additional plantings.

Seedlings (9 million per year) for forest reforestation are grown in nurseries and greenhouses. Every year, young stands are moved to the commercially valuable category of a plantation covering 2,700 ha following an annual autumn inspection.

BRYANSK FOREST RESERVE

The southern Trubchevsk and Suzemka districts house the Bryansk Forest Reserve, which covers an area of 12,000 ha and was established in 1987 to protect central Russian woodlands.

In 2001, the reserve was granted the status of UNESCO biospheric reserve, under the name of Nerusso-Desnyanskoye Polesye. It has ten protected landscape reserves of local value.

The reserve occupies just 1.45% of the area of Bryansk's forests, which vary greatly in forest composition.

Bryansk Forest combines elements of different geographical zones - taiga, broadleaved forests and forest steppes. The reserve has floodland oak and ash, pine and pine-oak, broadleaved

Table. Distribution of radionuclide-contaminated forests of the Bryansk region by soil contamination density, Ci/km² (as of January 1, 2010)

Name of the forest	Total forest area, in	Including cesium-137 contaminated areas						
management area	of ha	0-0.99	1.0-4.99	5.0-14.99	15.0-39.9	40 and more		
Dubrovskoye	10.5		10.5					
Dyatkovskoye	33.6	21.1	33.6					
Bryanskoye	0.8		0.8					
Karachevskoye	0	4.2	0					
Klintsovskoye	64.1	4.6	19.2	30.0	13.3	1.6		
Vygonichskoye	2.1		2.1					
Navlinsloye	5.5	9.2	5.5					
Zlynkovskoye	86.7	3.5	19.3	38.8	27.5	1.1		
Unechskoye	42.3	5.3	33.4	8.9				
Trubchevskoye	2.6		2.6					
Brasovskoye	21.5		21.5					
Suzemskoye	7.6		7.6					
Sevskoye	1.0		1.0					
TOTAL:	278.3	47.9	157.1	77.7	40.8	2.7		
	management area Dubrovskoye Dyatkovskoye Bryanskoye Karachevskoye Klintsovskoye Vygonichskoye Vygonichskoye Navlinsloye Zlynkovskoye Unechskoye Brasovskoye Suzemskoye Sevskoye	Name of the forest management areaarea, in thousands of haDubrovskoye10.5Dyatkovskoye33.6Bryanskoye0.8Karachevskoye0Klintsovskoye64.1Vygonichskoye2.1Navlinsloye5.5Zlynkovskoye86.7Unechskoye42.3Trubchevskoye2.6Brasovskoye7.6Sevskoye1.0	Name of the forest management areaarea, in thousands of haO-0.99Dubrovskoye10.50-0.99Dyatkovskoye33.621.1Bryanskoye0.80Karachevskoye04.2Klintsovskoye64.14.6Vygonichskoye2.10Navlinsloye5.59.2Zlynkovskoye86.73.5Unechskoye2.65.3Brasovskoye21.50Suzemskoye7.60Sevskoye1.00	Name of the forest management areaarea, in thousands of haIncluding ofDubrovskoye10.50-0.991.0-4.99Dubrovskoye10.510.5Dyatkovskoye33.621.133.6Bryanskoye0.80.80.8Karachevskoye04.20Klintsovskoye64.14.619.2Vygonichskoye2.12.12.1Navlinsloye5.59.25.5Zlynkovskoye86.73.519.3Unechskoye2.62.62.6Brasovskoye21.521.521.5Suzemskoye7.67.67.6Sevskoye1.01.01.0	Name of the forest management areaarea, in thousands of haIncluding cesium-137 contDubrovskoye10.50-0.991.0-4.995.0-14.99Dubrovskoye10.510.510.5Dyatkovskoye33.621.133.6Bryanskoye0.80.80.8Karachevskoye04.20Klintsovskoye64.14.619.2Navlinsloye5.59.25.5Zlynkovskoye86.73.519.3Junchskoye2.62.6Brasovskoye21.521.5Suzemskoye7.67.6Sevskoye1.01.0	Name of the forest management areaarea, in thousands of haIncluding cesium-137 contaminated areasDubrovskoye10.51.0-4.995.0-14.9915.0-39.9Dubrovskoye10.510.510.510.5Dyatkovskoye33.621.133.6Bryanskoye0.80.80.80.8Karachevskoye04.20Klintsovskoye64.14.619.230.013.3Vygonichskoye2.12.1Navlinsloye5.59.25.5Zlynkovskoye86.73.519.338.827.5Unechskoye42.35.333.48.9Trubchevskoye2.62.6Brasovskoye7.67.6Sevskoye1.01.01.0		

According to the Forest Inspectorate of the Bryansk region

and spruce-broadleaved forests. It is rich in bogs, varying from grassy and black alder lowmoor bogs to high-moor sphagnum bogs. The most interesting plant is the northern orchid, represented by 19 species.

Bryansk Forest is the only place in Europe that is a nesting place for all ten species of European woodpeckers: great spotted, lesser spotted, minor spotted, Syrian, white-backed, black, greyheaded, green, three-toed and wryneck. It is also a habitat for six bird species included in Russia's Red Data Book of endangered species, including the black stork, harrier eagle and great gray.

The wisent stands out among all the animals living in Bryansk Forest. It was introduced some time ago for acclimatization and reproduction. The experiment was so successful that wisents are now being moved to other regions of the country.

The reserve is also home to the first professional forest museum in Russia.

DOMESTIC-ORIENTED

The timber industry has always been the leading sector of the regional industry. In terms of output, it is at the top of the list of the Central Federal District.

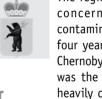
According to the local authorities, the share of the timber industry in overall industrial manufacturing approximates 10%. This century, the timber industry joined the fastest-growing sectors of the economy. It is notable that most products are consumed locally, so the increase

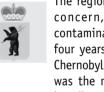
The timber industry consists of over 300 companies, including 32 large and medium-sized furniture, timber and pulp-and-paper producers. The lion's share of the total output is provided by Katyusha Furniture Concern.

"Taking into account the market environment, the manufacture of glued laminated timber, panels, moldings, chipboard, laminated chipboard and fuel pellets is a priority for the Bryansk timber industry. The industry should become exportoriented, keeping in mind the expansion of the domestic market in the middle and long term," the region's Forest Inspectorate predicts. "Despite the









of export duties declared by the Russian government did not jeopardize the forestry sector of the Bryansk region.

KATYUSHA **FURNITURE CONCERN**







Kaluga Region

Kostroma Region

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Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA FEDERAL DISTRICT

Kirov Region

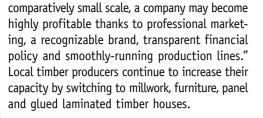
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



Two priority government-funded forest development projects are currently under implementation: a project by 000 DOTS Plus titled "Organization of Fuel Wood Pellets and Edged Lumber Production" with annual timber removal of 225.8 m³ and a payback period of six years and nine months. The second project, promoted by 000 Trubchevsky DOZ, is "Organization of Timber Harvest and Integrated Timber Processing in the Bryansk

Region" with total annual timber removal of 103.2 m³ and a payback period of five years and eight months. Each project will create 50 jobs.

In addition, 000 Bryansk Plywood Plants implementing an investment project of a plant for manufacturing export quality plywood on upto-date high-tech equipment at the production site of OAO Seletsky DOK. The new facility will be built and put into operation using the funds of the company and loaned funds.

ZAO PROLETARY (TOWN OF SURAZH)

In 1894, Yakov Lovyanov, a merchant from Gomel, built an industrial cardboard factory on one of the islands in the waters of the Iput and Bobrovets rivers. The factory produced 100-120 puds (an old Russian unit of mass equal to sixteen kilograms) of white and brown cardboard per day. Production was powered by two water turbines and raw materials and fuel were procured from a forest growing near the Iput river. The timber harvested on its riverbanks was floated downstream. The factory is now ZAO Proletary, one of the largest regional timber producers. It is also a back-bone enterprise in the mono-enterprise town of Surazh. The enterprise continues to focus on the forestry, pulp-andpaper and timber-processing industries. ZAO Proletary specializes in high guality industrial cardboard and corrugated products, produces all year round and employs 1,150 people.

The enterprise currently produces 72, 500 tons of cardboard and 46.3 million m² of corrugated products per year. Its equipment comprises five cardboard-making machines: Vagner (cutting width of 1,000 mm, capacity of 40 m/min), Voith

(2,150 mm, 30 m/min), Fullner (1,650 mm, 40 m/min), Voith (2,100 mm, 30 m/min), and Voith (4,200 mm, 120 m/min).

OAO SELETSKY DOK (BELAYA BERYOZKA SETTLEMENT, TRUBCHEVSK DISTRICT)

Seletsky timber-processing plant is located in the southwestern part of the Bryansk region, on the Ukraine border. In 1915, a sawmill for producing railway sleepers appeared here. A fiberboard workshop was added in 1951 and a plywood shop in 1956. For many years, Seletsky plant was among the largest timber producers of national importance. Following the collapse of the Soviet Union, it declined and even suspended production for some time, but survived and in 2002 returned to the list of top timber companies of the region. The core products of the plant remain the same, i.e. plywood and wet-process type fiberboards.

The current financial crisis was another challenge for the enterprise. Last spring, its products nearly lost their market, and wage arrears exceeded 10 million rubles. Local people working with the town's sole employer faced a default. The support of the regional authorities helped OAO Seletsky DOK to pay off its debts by the autumn. Now the enterprise is expected to return to normal capacity and continue to develop.

000 BRYANSK PAPER MILL (BELIYE BEREGA SETTLEMENT, FOKINSKY DISTRICT)

Bryansk Paper Mill has produced corrugated packaging since 1968 and is now among the top companies in this sector. Corrugated cardboard for packaging is made from its own fluting and linerboard.

Current annual output exceeds 23,000 tons of paper and cardboard — far more than its rated capacity. This success was achieved thanks to the ongoing upgrade of the paper-making machine and auxiliary equipment. A Taiwan line for producing corrugated boxes was recently purchased and launched at full capacity almost immediately after commissioning. Another packaging line for cup-shaped receptacles has been installed and put into operation.

The mill now offers a wide product range, from semi-finished products for corrugated production to three-tone printed wrapping for irregularshaped corrugated boxes.

ADMINISTRATION OF THE BRYANSK REGION

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Bryansk Customs Office Head – Dmitry Borisovich Zhukov

Head - Valery Stepanovich Rogachev

Federal Service for Nature Management and Supervision Branch Head – Igor Alexandrovich Balyasnikov

ZAO PROLETARY













Name	Activity	Address	Contacts
Drevtorgmash, 000	Wooden house construction	243140, Klintsi, ul. Skachkovskaya, 2	Tel. +7 (4833) 64-54-22, drevtorgmash@mail.ru
Dubrava, 000	Wooden house construction	242250, Trubchevsky Rayon, pos. Belaya Beryozka, ul. Dzerzhinskogo, 7A	Tel.: +7 (920) 859-20-00, 859-10-0 dubravales@mail.ru, www.kom-dybrava.com
Dyatkovsky DOZ, OAO,	Timber-processing: laminated particle board, railing, fiberboard, foil-coated fiberboard	242600, Dyatkovo, ul. Lenina, 225	Tel.: +7 (4833) 33-21-45, 33-45-54 DDoz@dyatkovo.ru, www.dyatkovo-LDSP.ru
Evrotekh, 000	Timber processing, production of interior doors	241033, Bryansk, ul. Schukina, 56	Tel.+7 (4832) 41-14-83, Fax +7 (4832) 41-14-83
Farline, 000	Lumbering	242020, Bryansky Rayon, pos. Suponevo, ul. Frunze, 83A	Tel.:+7 (4832) 92-27-41, 92-27-42, Fax +7 (4832) 92-27-41, contact@farline.ru
Fenix, 000	Wooden house construction, timber- processing	242130, Navlinsky Rayon, pos. Navlya, ul. Promishlennaya, 3	Tel.+7 (920) 605-21-02, Fax +7 (4832) 74-04-04, dudenkov@pallet32.ru, www.pallet32.ru
Forest, 000	Timber-processing	242190, Suzemsky Rayon, pos. Suzemka, ul. Khozvetka, 33	Tel.: +7 (48353) 2-15-96, 2-16-77, Fax +7 (48353) 2-15-96, forest200979@mail.ru, www.oforest.ru
Gofrotara, 000	Pulp-and-Paper: corrugated cardboard, corrugated tare	241047, Bryansk, ul. Fosforidnaya, 1	Tel.:+7 (4832) 28-55-96, 72-65-31, Fax +7 (4832) 72-66-62, gofrotara@online.debryansk.ru, www.gofrotara-br.ru
Gros, 000	Wooden house construction, timber processing: euro-lining, floor boards, plywood	241520, Bryansky Rayon, pos. Suponevo, ul. Shosseinaya, 3	Tel. +7 (4832) 92-95-53, 92-99-17, ekaterina.gros-09@yandex.ru, www.gros-stroy.ru
Katyusha Furniture Concern b	Production of furniture	242603, Dyatkovo, ul. Lenina, 225	Tel.: +7 (4833) 33-51-54, 33-51-22 mebel@dyatkovo.ru, www.dyatkovo.ru
Kletnya-les, Ltd	Lumbering	242820, pos. Kletnya, ul. Panfilova, 21	Tel.: +7 (48338) 9-13-02, 9-16-85, Fax +7 (48338) 9-16-85 kletnya-les@mail.ru
Kletnyansky les, 000	Lumbering	242820, pos. Kletnya, ul. Panfilova,17A	Tel.: +7 (48338) 9-17-06, 9-10-91, +7 (910) 735-71-00, Fax +7 (48338) 9-17-06, kl-les@online.debryansk.ru
Klimovolesprom, 000	Lumbering, timber-sawing	243040, Klimovsky Rayon, pos. Klimovo, ul. Mekhanizatorov, 34	Tel. +7 (48347) 3-16-87, Fax +7 (48347) 3-16-87, klprom@online.debryansk.ru
Klimovskaya Woodworking Company, 000	Timber-sawing: molded ware, timber-processing	243040, Klimovsky Rayon, pos. Klimovo, ul. Kalinina, 174	Tel.: +7 (48347) 3-15-90, 3-09-97, kdk@online.debryansk.ru
Kokorevsky DOZ, 000	Timber-sawing: molded ware, timber-processing	242160, Suzemsky Rayon, pos. Kokorevka, ul. Lenina, 2	Tel.: +7 (48353) 2-81-00, 2-83-46, Fax +7 (48353) 2-83-46, kokdoz32@mail.ru, www.kokdoz- ooo.ru
Lesko, 000	Timber-processing, bio- energy: fuel granules	242305, Brasovsky Rayon, Der. Pogreby, ul. Lesnaya	Tel. +7 (48354) 9-73-96, Fax +7 (48354) 9-73-96, dok-pyx@bk.ru
Lider, 000	Lumbering	241028, Bryansk, ul. Kalinina, 14A	Tel. +7 (4832) 64-46-05, shpon32@yandex.ru



OOO Gros









RUSSIAN REGIONS: CENTRAL FEDERAL DISTRICT

CENTRA	L	Name	Activity	Address	Contacts
FEDERAL DISTRI Bryansk Region		Mebelgrad, 000	Production of furniture	241902, Bryansk, Beliye Berega, ul. 8 Marta, 104	Tel. +7 (4832) 71-43-02, Fax +7 (4832) 71-43-03, mebel@mebelgrad.com, www.mebelgrad.com
Kaluga		Nova, Furniture Plant	Production of furniture	241027, Bryansk, ul. 50 Armii, 6 6	Tel.: +7 (4832) 52-43-78, 53-86-00, Fax: +7 (4832) 52-43-78, 53-66-67, info@nova-mebel.ru, www.nova-mebel.ru
Region		Olimp, 000	Production of furniture	241033, Bryansk, Pr. Stanke-Dimitrova, 54A	Tel. +7 (4832) 41-63-65, olimpbryansk@rambler.ru
Kostroma Region		Osnova, 000	Timber-processing: euro-lining, floor boards, plywood	241525, Bryansky Rayon, pos. Glinischevo, ul. Yashenina, 63A	Tel. +7 (4832) 94-18-22, Fax +7 (4832) 94-18-22, dom@osnova.stroyka32.ru, www.osnova.stroyka32.ru
	- Alexandre	Partner, 000	Timber-processing	241023, Bryansk, ul. Bezhitskaya, 119	Tel. +7 (4832) 64-86-88, Fax +7 (4832) 68-16-03
Moscow Region		Polyus, 000	Timber-sawing, timber- processing	241020, Bryansk, Moskovsky Pr., 3	Tel. +7 (4832) 63-09-47
Vladimir		Profil, 000	Timber-sawing: molded ware	241550, Seltzo, ul. Lyagina, 9A	Tel.: +7 (4832) 56-64-33, 97-39-22, Fax +7 (4832) 56-64-33, profils@rambler.ru
Region		Proletary, ZAO	Pulp-and-Paper	243500, Surazh, ul. Fabrichnaya, 1	Tel. +7 (48330) 2-19-95, Fax +7 (48330) 2-14-42, info@proletariy.ru, www.proletariy.ru
Yaroslavl Region	*	Razvitiye, ZAO	Lumbering, timber-sawing	242603, Dyatkovo, ul. Lenina, 225	Tel.: +7 (48333) 31-032, 32-875, 34-783
VOLGA FEDERAL DISTR	RICT	Russkaya Bumaga ALL Produkziya, 000	Pulp-and-Paper	241020, Bryansk, Moskovsky Proezd, 10A	Tel.: +7 (4832) 63-53-78, 73-76-60, Fax: +7 (4832) 63-53-78, 73-76-60, office@rusbum.net, www.rusbum.net
Kirov Region	**	Seletsky DOK, OAO	Timber-processing: birch plywood, moisture- resistant FSF mark plywood, fiberboard	242250, Trubchevsky Rayon, pos. Belaya Beryozka, ul. Dzerzhinskogo 3	Tel.: +7 (4832) 35-50-80, 35-50-83, Fax +7 (4832) 35-50-80, seldok032@mail.ru, www.seldok.ru
Nizhny	and a second	Sintez, 000	Lumbering, timber-sawing	242190, Suzemsky Rayon, pos. Suzemka, ul. Bryanskaya, 16A	Tel. +7 (48353) 2-10-54, Fax +7 (48353) 2-10-54
Novgorod Region		Sintez-K, 000	Timber-processing	242160, Syzemsky Rayon, pos. Kokorevka, Pervomaysky Per., 1	Tel. +7 (48353) 2-82-63, Fax +7 (48353) 2-82-63
Perm Krai		Stroi-Invest, 000	Wooden house construction	242700, Zhukovka, ul. Komsomolskaya, 2, kor. 1	Tel.: +7 (4832) 64-72-44, +7 (906) 697-01-22, Fax +7 (4832) 64-72-44, srub-bryansk@mail.ru, www.srub-bryansk.ru
Republic of Bashkortostan	(Startes	Suzemkagiples, 000	Lumbering, timber-sawing	242190, Suzemsky Rayon, pos. Suzemka, ul. Internatsionalnaya, 46	Tel. +7 (48353) 2-10-58, suzemkagiples@bk.ru
		Transles, 000	Lumbering, timber- processing	242130, Navlinsky Rayon, pos. Navlya, ul. Promishlennaya, 3	Tel.: +7 (48342) 2-57-34, 2-46-44, Fax +7 (48342) 2-57-34, transles_n@mail.ru
Republic of Tatarstan		Trubchevskles, 000	Timber-processing	242220, Trubchevsky Rayon, pos. Borodenka, ul. Lesnaya, 69	Tel. +7 (48352) 2-16-43, Fax +7 (48352) 2-20-12, trubles@mail.ru
Ulyanovsk		Trubchevsky DOZ, 000	Lumbering, timber- processing	242220, Trubchevsk, ul. Komsomolskaya, 60	Tel. +7 (48352) 743-99-47
Region	No.	White Coasts, Furniture Plant, 000	Production of furniture	241902, Bryansky Rayon, Beliye Berega, ul. 1 Maya, 30	Tel.: +7 (4832) 71-40-33, 67-87-37, 67-86-57

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CENTRAL FEDERAL DISTRICT

Bryansk Region

KALUGA REGION

The life and development of the Kaluga region is influenced in many ways by its proximity to Moscow. This smoothes out certain shortcomings in the region's transport system and helps to attract investors.



Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



district and the central economic region of Russia. It borders the Moscow region to the north, the Tula region to the east, the Bryansk and Oryol regions to the south, and the Smolensk region to the east.

The region occupies an area of 29,800 km² and

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stretches an equal distance from north to south and east to west - 220 km. The population of the region is 1.003 million, and 76% of the population is urban.

The administrative center of the region is the city of Kaluga with a population of 341,700, located 188 km southwest of Moscow. There are a total of 22 cities in the region, seven urban villages, 328 village councils, and 3,180 inhabited rural settlements.

The Kaluga region is part of the central federal

NATURE AND CLIMATE

The Kaluga region is located in the center of the East European plain, in the basins of the Oka and Desna rivers, between the Middle Russian and Smolensk-Moscow elevations and the Dnepr-Desna province. The highest point of the relief (279 m above sea level) is on the Spas-Demensk ridge by the village of Dolgoe in the Mosalsky region, and the lowest point (120 m) is by the city of Tarus, on the border of the Tula and Moscow regions. Most of the region is occupied by plains, fields and forests.

There are 2,043 rivers with a total length of 11,670 km flowing through the region. The main water system is the Oka, and other major rivers include the Ugra, Zhizdra, Bolva, Protva, Vorya, Ressa, Shanya and Yachenka. There are 19 reservoirs in the region with a total volume of around 87 million m³ of water. The largest, Lompad (870 hectares), is located on the Nepolot River in the Lyudinovsky region. There are few lakes in the region; relatively large lakes include Bezdon, Svyatoye, Galkino, Bezymyannoye and Sosnovoye. Swamps are concentrated in the north and west of the region and occupy less than 1% of the territory.

Sod-podzolic soils predominate (75.6%), but in the central part and in the east, gray and light gray soils are widespread (12.4%).

The climate of the Kaluga region is moderately continental; clearly defined seasons are characteristic: a moderately hot and humid summer, and a rather cold winter with a lasting snow cover. Special features of the climate include frequent spring frosts and the interchanging of a hot dry summer and cold wet summer. The average temperature in July is 17 to 18 °C, and minus 9 to 10 °C in January. The annual average precipitation is from 690 to 826 mm, depending on the region. The territory of the region is in a zone of sufficient moisture.

MINERALS

According to data from the Kaluga region administration, around 500 fields of 19 types of minerals have been explored in the region. In this respect, the region holds one of the first places among central regions.

Significant supplies of fire-resistant and heat-resistant clays are concentrated here, which are evaluated at 220 million m³. There are large supplies - 11.6 million tons - of glass-making sands. On the border of the Duminichsky and Lyudinovsky regions, and also in the Khvastovichsky region, there are supplies of phosphates - 94.7 million tons of ore.

Fields of brown coal have been explored in the region, belonging to the Moscow coal basin. Their total reserves are 1,240 million tons -36% of the explored supplies of the entire basin. The major coal fields are Vorotynskoye, Severo-Ageyevskoye and Seredeiskoye.

Supplies of Kaluga peat are evaluated at approximately 24 million tons.

Non-metallic building materials are also represented in the region: limestone, sand, rock, tripolite and chalk.



Tvoi Dom, OOO

Plitspichprom, ZAO Stora Enso Packaging BB, OOO

Detchinsky Woodworking Plant, OOO Maloyaroslavetskaya Furniture Plant Focus Wood, OOO Karelia-Upofloor CIS, LLC

Europan Production Company, OOO

Medinskaya Furniture Plant

Vesta, 000 Hygiene-Service, OOO Kondrovo Paper Company, OAO Troitskaya Paper Mill, OAO

Polotnyano-Zavodskaya Paper Mill, OAO

Kaluga Experimental Plant, OAO

TRANSPORT AND COMMUNICATIONS

In terms of density of railroads and highways, the Kaluga region is among the 20 most advanced regions in the country.

The total length of railroads in the region is 872 km. The density of railroads for general use is 29 km per 1,000 km². The main railroad is Moscow-Kiev. On the territory of the region, it passes through the towns of Balabanovo, Obninsk, Malovaroslavets and Sukhinichi.

The total length of highways is over 5,000 km, of which 800 km is federal highways. Of the roads for general use, 98.6% have a hard surface. Two major highways of international significance run through the region: Moscow - Brest and Moscow - Kiev.

For shipping, a 101-kilometer section of the Oka River is used.

However, the Kaluga region cannot boast of a developed system of air transport. Three of the four aerodromes are military. The only civil aerodrome, "Grabtsevo," (six km to the northeast of Kaluga) is closed for reconstruction, and it is scheduled to be put into operation in 2012.

The Kaluqa region is one of the top ten regions in Russia in terms of those with the most developed telecommunications systems. In terms

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INDUSTRY

The main industry of the region is machine construction. Transport construction enterprises include the Lyudinovsky locomotive factory, the Russian branch of the Volkswagen car company, the Kaluga factory of track machines and hydraulic drives, and the Kaluga factory of transport construction. Machine building is also represented in the region, in the form of turbine, boiler, and agricultural machine construction, as well as special automobile construction and aircraft construction.

The catering industry is the second largest industry after machine construction. Recently it has seen special development. In particular, 000 SABMiller Rus, which manufactures beer, accounts for the largest percentage of tax revenue to the budget. OAO Kristall, which manufactures spirits, is in second place in this category.

Woodworking and the pulp-and-paper industry





of the level of installation of telephone services, it occupies second place in the central federal district after Moscow.

The structure of the economy of the Kaluga region is characteristic for central regions - it is based on processing plants. Around 300 large and medium enterprises operate in the industrial sphere, as well as around 500 small enterprises.





Bryansk Region



Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

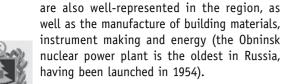


Perm Krai



Republic of Tatarstan

Ulyanovsk Region



The agro-industrial complex is based on the meat and dairy and poultry industries. Grains, potatoes, vegetables and flax are also grown in the region.

The region maintains trade relations with over 60 countries. According to the assessment of the Kaluga region administration, in 2009 foreign trade turnover came to \$4,500.4 million, export came to \$229.5 million, and import \$4,270.9 million.

SCIENCE

The scientific importance of the Kaluga region is demonstrated by the fact that the first science town in Russia — Obninsk — is located here. It specializes in nuclear energy, space technology, robots, radio equipment and instrument making. A total of 39 organizations work on scientific studies and development in the region, employing over 10,000 scientific workers.

The nucleus of the scientific and manufacturing complex of the region is the following research and development organizations and enterprises:

- the state scientific center of the Russian Federation – the A. I. Leipunsky Physics and Energy Institute;
- Obninsk research and development enterprise Tekhnologiva:
- the L. Ya. Karpov Physics and Chemistry Research and Development Institute, which was awarded the order of the Red Banner of Labor:
- the medical radiological scientific center of the Russian Academy of Medical Sciences:
- the state scientific institution "All-Russian Research and Development Institute of Agricultural Radiology and Agro-Ecology" of the Russian Agricultural Academy;
- the A. V. Shubnikov Space Materials Science Research and Development Center at the Institute of Crystallography, which was awarded the order of the Red Banner of Labor:
- the special design bureau of space equipment engineering at the Space Research Institute of the Russian Academy of Sciences;
- the federal state enterprise "Kaluga Institute for the Research and Development of Robots".

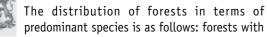
Yevgeny CHABAK

FORESTRY IN THE REGION

Work is underway in the Kaluga region to increase the area of coniferous forests, and in the development program of the forestry complex until 2020 that is currently being planned, the emphasis will be placed on forming forest clusters.

The total area of forests in the Kaluqa region is 1,490,000 hectares, of which 1,354,000 hectares is on lands of forest resources. The forests are positioned guite evenly, and cover 45.4% of the territory of the region. The forestry complex has traditionally held an important place in the economy of the region. Logging, woodworking and pulp-and-paper industries are represented here.

CHARACTERISTICS OF FORESTS



a predominance of coniferous species occupy 26.4% of the area of all forests; hard wood -2.6%, and soft wood 71%.

The dominant position is occupied by soft wood species, mainly birch and aspen. It should be noted that as a result of economic activity in the conservation, protection and reproduction of forests, positive changes in the species structure of forests have taken place. In the period from 1997 to 2007, the area of coniferous trees increased by 7,000 hectares (3%).

The area of mature and overmature trees makes up 300,200 hectares (24.9%) of lands covered

with forest. Saplings occupy 159,800 hectares (13.3%), middle-aged trees occupy 481.5 hectares (39.9%), ripening trees occupy 262,900 hectares (21.8%), and mature and overmature 300,200 hectares (24.9%). Among mature and overmature trees, coniferous trees account for 10.9%, hard wood 3.33% and soft wood 86.58%.

Growing stock is distinguished by a relatively high productivity. The average supply per hectare of mature coniferous trees is 323 m³, and 244 m³ of soft wood.

The total supply of timber is 1,204.4 million m³, including mature and overmature trees of 300.2 million m³. Of the total supply, the supply of coniferous trees is 68.29 million m³, including mature and overmature -9.76 million m³.

The annual periodic yield of main use is 2,507,800 m3. At the same time, 95% of forest territories are accessible for industrial use in terms of the relief of the area and soil conditions.

The Kaluga region is located in the zone of coniferous broad wood forests. At present, 18 forestry districts have been created, with areas varying from 36,423 hectares (Borovskoye) to 112,363 hectares (Yukhnovskoye). For forests located on lands of the forestry reserve, there are 1,254,300 hectares of land (86% of the total area of forests). Unforested lands comprise 2.42% of the total area of the forest reserve and are mainly swamps.

The main forest-forming species are pine, spruce and birch, while oak, maple, ash tree, elm, black alder and linden are also encountered. In the general age structure of the forest reserve, middle-aged trees predominate - an accumulation of them is characteristic for soft wood species. Their area in the forest reserve comes to 287,800 hectares.

Birch accounts for the majority of soft wood species (72.34%), and spruce for the majority of coniferous species (69.05%). Pine occupies much less area in the forest reserve, only accounting for 30.9% of the area of coniferous trees. Larch is also encountered as an insignificant mixture.

Table 2. Structure of forest ranges in the forests of the Kaluga region by groups of wood species

Enocias group		Age gr	Total area, 1,000		
Species group	saplings	middle-aged	ripening	mature and over-mature	hectares
Coniferous	121.5	109.1	57.3	30.3	318.2
Hard wood	1.8	12.5	6.8	10.0	31.1
Soft wood	36.5	359.9	198.8	259.9	855.1
Total	159.8	481.5	262.9	300.2	1204.4

ECOLOGY

lands

Protective forests account for 39% of the total area of forests. As in commercial forests, soft wood trees predominate in them. In general, the protective forests of the Kaluga region match their target purpose. According to data from the Ministry of Natural Resources of the region, emissions of pollutants into the atmosphere on the region's territory come to over 163,000 tons per year. One hectare of forest absorbs 1.27 tons of gas aerosol emissions on average, and the area of protective forests is 469,000 hectares, while around 130,000 hectares is required to absorb pollutants. Even without taking commercial forests into account, this is sufficient to maintain a favorable ecological situation.

The Kaluga region is home to the Ugra national park with an area of 98,855 hectares. It is located on the territory of the Iznovsky, Yukhnovsky, Dzerzhinsky, Peremyshlsky and Kozelsky regions. The category of forests located on lands of specially protected natural territories also includes the state nature reserve Kaluzhskie Zaseki, the natural landmark Kaluzhsky Bor, and the state nature reserve of federal significance the Tarus state complex.







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Table 1. Areas of the forest reserve of the Kaluga region by categories of

Category of lands	1,000 hectares
Lands of the forest reserve	1254.3
Lands of the Defense Ministry	39.2
Lands of built-up areas	6.8
Lands of specially protected natural territories	62.7
Forests on lands previously under the jurisdiction of the Agricultural Ministry	28.0
Lands of other categories	18
Total	1409

Protective strips of forest located along railroads and highways come to 55,000 hectares; the predominant species is birch (58.3%). These forests carry out their function 100%, protecting the region from man-made pollutants.





CENTRAL **FEDERAL DISTRICT**

Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

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Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

Table 3. Distribution of areas of commercial forests of the Kaluaa region by predominant species

	J 7 7 1	
2	Predominant species	Area, 1,000 hectares:
	Coniferous total:	183.5
i fan	spruce	126.7
4	pine	56.7
-	larch	0.1
i i	Hard wood total:	11.9
	Tall oak	6.4
S.M.	low oak	4.5
A.S.	ash	0.6
Ş,	maple	0.4
	Soft wood total:	559.6
N.	birch	404.8
ş	aspen	116.8
	grey alder	4.3
2	black alder	25.5
A A C	linden	7.1
100	willow	1.1

Based on data from the Forest Plan of the Kaluga Region

EMPHASIS ON CLUSTERS

The forestry complex has traditionally held an important place in the economy of the region. Logging, woodworking and the pulp-and-paper industries are represented here. For individual sorts of products such as food wrappers, matches, cardboard boxes and fiberboard, the forestry organizations of the Kaluga region hold leading positions in Russia. For example, Over the last decade, the Kaluga forestry complex has been characterized by an increase in advanced processing of timber, and a drop in the production of unprocessed timber. At the same time, the unstable economic situation caused by the international financial crisis has revealed negative aspects in the work of forestry organizations. In 2009, the index of industrial production in the sphere of timberprocessing and production of articles made of wood was 84% of the level in 2008. At the same time, volumes of production of sawn materials, plywood and wood boards dropped.

Table 4. Assessment and forecast of production of the main types of forestry production by large and medium-sized enterprises of the Kaluga region

996	Name	2009	2010	2014	2020
	Name	2009	assessment	forecast	
	Timber harvesting, 1,000 m ³	170	200	900	1500
22	Sawn materials, 1,000 m ³	49.2	55	250	400
	Plywood, 1,000 m ³	9.6	9	21	40
	Chipboard, 1,000 m ³	40.2	40.5	54	80
	Fiberboard, mil. con. m ²	18.2	18.5	24	35
	Paper and cardboard, 1,000 tons	182.5	183	195	250
	Furniture, million rubles	741.8	750	1250	2000
	Wooden articles for parquet floors, 1,000 m ²	908.6	1000	1500	2500
A DESCRIPTION OF THE PARTY OF T	Factory-manufactured wooden house, 1,000 m ² of total area	7.9	8	25	60
	Bio energy products made of timber (wood pellets, bricks, wood coal), 1,000 tons	1.3	1.3	10	50

Based on data from the Ministry of Economic Development for the Kaluga Region

OAO Troitsky paper factory manufactures food wrappers and packaging paper which is sold on the markets of 40 regions, nine republics and five Krais in Russia, and also in six countries of the CIS, and 23 other foreign countries.

In 2009, the forestry complex accounted for around 7% of the total volume of industrial production in the Kaluga region, with 2% provided by timber manufacturing enterprises, 4% by manufacturers of paper, cardboard and items made from it, and 1% by furniture manufacturers. Over the last three years, the share of the forestry complex in the structure of industry in the region has dropped somewhat. However, this is not connected with a drop in forestry production, but with the rapid development of the automobile industry in the region, which is represented by the car factories Peugeot-Citroen, Volkswagen Rus, Volvo-Vostok and others.

Significant wear of fixed assets (around 50%) and shortcomings of technological processes stopped several wood-working enterprises from manufacturing competitive products. Similar problems can also be seen in furniture manufacture.

Enterprises manufacturing paper, cardboard and articles made from them proved more resilient to the financial crisis – the index of industrial production in 2009 was 105%. The production of paper and cardboard was stimulated by an increased demand on the domestic and world markets. At the same time, at a number of paper-manufacturing enterprises, outdated equipment and technologies are used, and as in the wood-working sphere, wear of fixed assets reaches 50%.

Besides outdated technologies, the forestry complex of the Kaluga region has other problems. "The problem of the effective use of forestry resources has long been a serious one for us," says Ruslan Zalivatsky, the Minister for Economic Development of the Kaluga region. "For example, in 2005, periodic yield was utilized by 22%, and 64% for coniferous forests. In 2009, these figures came to 28% and 94% accordingly. From this, it follows that over the last five years, the increase in consumption of timber resources has mainly been a result of felling coniferous forests. At the same time, around 1.5 million m³ of timber of hardwood species (birch, aspen) was not used each year. The majority of unused forest resources are located in the central, southwest and northwest regions with a low level of development of industry."

The complete use of timber resources would make it possible to increase the volume of production of the forestry complex by at least two times. But to do this, it is necessary to create new plants which use hard wood timber as raw materials.

For a solution of the complex multi-level problems of developing the forestry complex in the Kaluga region, a special-purpose program is in place which makes it possible to consolidate the efforts of all interested parties, exclude parallel solutions of the same tasks, and integrate financial investments from different sources. This year, specialists from the Kaluga region Ministry of Economic Development began to develop a long-term program of development for the Kaluga region forestry complex through 2020.

Given that raw materials (cellulose, CTMP) brought from the outside will be used for the

 branch of ZAO MosKomplektMebel – Medynsky Furniture Plant. Main manufacture - kitchen furniture; main market - Russia 100%.

Over 140 forestry enterprises operate in the Kaluga region. The largest enterprises by types of economic activity are:

1. Manufacture of paper, cardboard and articles made of them:

- OAO Kondrovo Paper Company. Main manufacture – paper rolls, corrugated cardboard, cardboard boxes and toilet paper; main markets - Russia 90%, export 10%;

- OAO Troitski Paper Mill. Main manufacture - food wrappers and paper packaging; main markets - Russia 70%, export 30%;

- OAO Polotynano-Zavodsky Paper Mill. Main manufacture - paper, cardboard and exercise books; main markets - Russia 75%, export

– 000 Hugiene-Service. Main manufacture – hygienic articles; main markets - Russia 100%;

24%:

50%:

- 000 Vesta company. Main manufacture corrugated cardboard, cardboard boxes; main market - Russia 100%:

- 000 Stora Enso Packaging BB. Main manufacture - corrugated cardboard boxes; main market - Russia 100%.

2. Timber-processing and manufacture of articles made of wood (except furniture):

- ZAO Plitspichprom. Main manufacture matches, fiberboard and chipboard; main markets - Russia 80%, export - 20%;

- 000 Focus Wood. Main manufacture parquet board; main markets - Russia 60%, export 40%;

- 000 Detchinsky Wood-working Plant. Main manufacture - laminated articles of Siberian larch; main markets - Russia 50%, export

- 000 Europan. Main manufacture - door units, jamb linings, finishing boards etc.; main market - Russia 100%.

3. Furniture manufacture:

- branch of ZAO Moskompletembel -Maloyaroslavetsky furniture factory. Main manufacture – kitchen furniture; main market - Russia 100%;



CENTRAL FEDERAL DISTRICT

Bryansk Region



Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

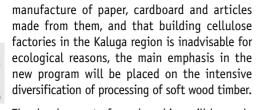
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



The development of wood-working will be made possible by the forecast growth in demand for materials made of soft wood timber for house construction such as plywood and wood boards, in connection with the realization of the priority national project "Accessible and comfortable housing for the citizens of Russia."

In the Kaluga region, all wood-working enterprises are involved in the realization of this project to some degree or another. However, innovative solutions are required for the use of soft wood timber. At present, these solutions are being developed at ZAO Plitspichprom (Balabanovo), 000 Lesprom, which is realizing a priority investment project for the construction of a wood-working plant in Sukhinichi, and at a number of other enterprises.

In connection with the unavoidable reduction and rise in price of traditional energy resources in the regional energy complex, the role of minor bio-energy will increase. At the same time, renewed timber resources in the form of fuel pellets and bricks will have decisive significance. "This area of development of the forestry complex will also be reflected in the new regional program," says Ruslan Zalivatsky. "For this purpose, this year our ministry will hold an Internet conference entitled 'Prospects of using raw plant materials and waste from paper products for developing energy in the Kaluga region.' The conference will examine diverse factors of the development of bio-energy: demand, resources, technologies, economics, and also legal, social and ecological aspects."

energy program.



Yevgeny CHABAK

ADMINISTRATION OF THE KALUGA REGION

Governor of the Kaluga Region Anatoly Dmitrievich Artamonov

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Administrative Headquarters of the Regional Governor's Administration Director Oleg Renatovich Bulatov

In the development program for the forestry complex through 2020, the emphasis will be

placed on forming forestry clusters for logging

and advanced processing of forest resources,

especially in the central, southwest and northwest

parts of the region, where forests are not used

sufficiently (the Kozelsky, Khvostovichsky,

Sukhinichsky, Duminichsky, Zhizdrinsky, Lyudinovsky,

Kuibyshevsky, Barvatinsky, Mosalsky, Yukhnovsky,

Medynsky and Iznoskovsky regions of the region).

The cluster-forming core will be made up of

enterprises capable of manufacturing products

that are in demand on the domestic and foreign

markets, for example kitset wooden houses,

plywood, wood boards, and bio energy products

made of timber. Other participants of clusters

are suppliers of forest resources logged on the

territory of the Kaluga region; sub-contractor

organizations; and engineering and scientific

research organizations providing services to

According to established legislative procedure,

cluster-forming enterprises will be given

assistance in introducing innovative technologies

and in training competent specialists, and in

receiving industrial sites equipped with the

necessary transport and energy communications,

Furthermore, enterprises manufacturing paper,

cardboard and articles made of them will,

according to established legislative procedure,

be given assistance in creating a technology

park to collect and process waste from the paper

industry of the Kaluga region. And proposals from

forestry enterprises for modernizing their power

plants with the purpose of increasing their own

electricity supply will be included in the regional

cluster-forming enterprises.

as well as financial support.

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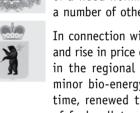
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DETCHINSKY WOODWORKING PLANT



CENTRAL FEDERAL DISTRI		ENTERPRISES			
Bryansk Region		Name	Activity	Address	Contacts
Kaluga		Chernishensky Timber Mill, OAO	Woodworking: plywood	249305, S. Chernisheno, Ul. Lenina, 5	Tel./fax: +7 (48447) 9-73-93, 9-74-54, chernishinoles@mail.ru
Region		Dersi, 000	Woodworking: finish, wooden package	248021,Kaluga, Ul. Moskovskaya, 247	Tel. +7 (4842) 76-33-10, Fax+ 7 (4842) 55-16-94, dersi-ltd@mail.ru
Kostroma Region		Detchinsky Woodworking Plant, 000	Wood-sawing: beam, moulded strips and terraced board. Export	249080, Maloyaroslavetsky Rayon, S. Detchino	Tel./fax: +7 (48431) 2-91-81, 2-93-28, dlz123@kaluga.ru, www.detchinodok.ru
Moscow Region		Europan 000	Woodworking: interior doors and MDF profile. Furniture production	249191, Zhukov, Ul. Kurbatova, Stroenie 26	Tel. +7 (48432) 5-49-99, europan@europan.ru, www.europan.ru
Vladimir		Honicel-Ru, 000	Pulp-and-paper: honeycomb for furniture and wooden windows production	249000, Balabanovo, Ul. Borovskaya, 56	Tel. +7 (48439) 6-11-63, stim@obninsk.com, www.honicel.ru
Region		Hygiene-Service, 000	Pulp-and-paper: tissue	249833, Kaluzhskaya Obl., Kodrovo, Ul. Krasny Oktyabr, 4	Tel.: +7 (48434) 3-20-51, 4-61-18, 3-29-96, natservice@kaluga.ru, www.hygiene-service.ru
Yaroslavl Region	*	Kaluga Cardboard- Packaging Company, ZAO	Pulp-and-paper: corrugated board and package	248025, Kaluga, Ul. Chernovskaya, 48	Tel./fax: +7 (4842) 76-40-84, 76-40-86, kkuk@kaluga.ru, www.karton.su
VOLGA FEDERAL DISTR	ICT	Kaluga Experimental Plant, OAO	Pulp-and-paper: corrugated board, package	248009, Kaluga, Grabtsevskoye Shosse, 75	Tel.: +7 (4842) 59-45-16, 59-45-17, 59-45-31, market@keztara.ru, www.keztara.ru
Kirov Region	***	Kalugamebel Plus, 000	Furniture production	248016, Kaluga, Ul. Skladskaya, 6	Tel./fax: +7 (4842) 56-69-84, 55-68-71, kalugamebel@mail.ru
Nizhny Novgorod		Karelia-Upofloor CIS, LLC	Wood-sawing. Woodworking: wooden floorings	249096, Maloyaroslavetsky Rayon, S. Maklino, Ul. Kirova, 1	Tel.: +7 (48431) 5-22-25, Fax +7 (48431) 5-22-40, sales@kareliaupofloor.com, www.kareliaupofloor.ru
Region		Kondrovo Paper Company, OAO	Pulp-and-paper	249833, Kondrovo, Ul. Pushkina, 1	Tel.: +7 (48434) 3-21-58, 3-39-94, 3-31-95, 3-33-65, www.kpc.ru
Perm Krai		Lerman-Inform, 000	Pulp-and-paper: corrugatied board and package	249010, Borovsk, Ul. Lenina, Stroenie 76A	Tel./fax: +7 (48439) 9-70-22, (48438) 6-62-24, info@lerman-gofrocarton.ru, www.lerman-gofrocarton.ru
Republic of	(The second sec	Lesnie Resursi, 000	Lumbering. Woodworking	249191, Zhukov, Ul. Novaya, 37	Tel.: +7 (48432) 5-40-86, 5-40-00
Bashkortostan		L-Mebel Furniture Plant, ZAO	Furniture production	249400, г. Людиново, ул. Чер- няховского, д. 13	Tel.: +7 (48444) 5-34-40, 5-32-17, 6-09-63, Fax +7 (48444) 5-34-40, lmeb@mail.ru, www.l-mebel.ru
Republic of Tatarstan		Maloyaroslavetsky Furniture Plant (Branch of MosKomplectMebel, ZAO)	Furniture production: kitchen furniture	249091, Maloyaroslavets, Ul. Radischeva, 4	Tel.: +7 (48431) 3-07-74, 3-11-47, 3-14-03, 2-64-90, mmf@kaluga.ru, www.malf.ru
Ulyanovsk Region		Master Dom, 000	Woodworking	249100, Tarusa, Serpukhovskoye Shosse, 26	Tel. +7 (48435) 2-62-75, masterdom@kaluga.ru

Name	Activity	Address	Contacts
Medinsky Furniture Plant (Branch of MosComplectMebel, ZAO)	Furniture production: kitchen furniture	249950, Kaluzhskaya Obl., Medin, Pr. Lenina, 63	Tel. +7 (48433) 21-573, Fax +7 (48433) 22-609, medmebel@kaluga.ru, www.mmf.ru
Olex, ZAO	Wood-sawing: moulded strips. Woodworking	249032, Obninsk, Ul. Kurchatova, 47, office 105	Tel. +7 (48439) 4-1721, Olex@nm.ru, www.white.wood.n
Pakart, 000	Pulp-and-paper: corrugated package	249441, Kirov, Ul. Gorkogo, 46	Tel./fax: +7 (48456) 5-23-24, 5-23-29, pakart@kaluga.ru, pakart@inbox.ru, www.ooo-pakart.ru
Plitspichprom, ZAO	Woodworking: board and matches production. Wooden house construction	249000, Balabanovo, Pl. 50 Let Oktyabrya, 3	Tel.: +7 (48438) 6-20-47, 6-02-7 (910) 911-32-99, info@pspcom.ru, commerc@pspcom.ru, market@pspcom.ru, www.pspcom.ru
Polotnyano- Zavodsky Paper Mill, OAO (Part of Consolidated Paper Mills Holding)	Pulp-and-paper and rasin industry	249844, Pos. Polotnyany Zavod, Ul. Trudovaya, 2	Tel.: +7 (48434) 3-38-24, 3-20-4 sales@pzbf.com, www.pzbf.com, www.ukobf.ru
Rekast, ZAO	Woodworking. Pulp-and- paper: honeycomb boards and pallets	249711, Sosenski of Kaluga Region, Ul. Zavodskaya, 1	Tel.: +7 (48442) 4-14-49, 4-52-8 rekast@kaluga.ru, mail@rekast.org, www.rekast.org
Rodes, 000	Wooden house construction	Obninsk, Ul. Lenina, 129, Office 105	Tel. +7 (48439) 2-72-27, Fax +7 (48439) 9-61-83, rodes@yandex.ru, www.rodes.ru
Soyuz Timber- Processing, 000	Lumbering. Woodworking	249094, Maloyaroslavets, Ul. Kaluzhskaya, 44A	Tel.: +7 (48431) 2-15-72, 2-15-5
Stora Enso Packaging BB, 000	Pulp-and-paper: cardboard and package	249000, Balabanovo, Ul. Lermontova, 2	Tel.: +7 (48438) 60-740, 60-756 info@storaensopack.ru, www.storaenso.com
Strela-K Group of Companies, ZAO	Wooden house construction	248000, Kaluga, Tereninsky Per., 7	Tel. +7 (4842) 75-02-67, strela_kaluga@mail.ru, www.doma.ru
Stroikomplekt- service, 000	Woodworking: window and door blocks	249092, Maloyaroslavets, Ul. Mirnaya, 3	Tel. +7 (48431) 54-056
Troitsky Paper Mill, OAO	Pulp-and-paper	249834, Dzerzhinsky Rayon, Kondrovo, Ul. Mayakovskogo, 1	Tel.: +7 (48434) 3-32-21, 3-39-5 3-37-68, tbf@kaluga.ru, www.tbf.ru
Tvoi Dom, 000	Woodworking: SIP- boards. Wooden house construction	249030, Obninsk, Ul. Liubogo, 6A	Tel.: +7 (48439) 4-46-46, 4-20-1 info@tvdm.ru, www.tvdm.ru
Veresk, 000	Wooden house construction	248000, Kaluga, Ul. Kirova, 36, office 302	Tel. +7 (920) 613-05-58, vashveresk@yandex.ru, www.vashveresk.ru
Vesta, 000	Pulp-and-paper: corrugated package	249831, Kondorovo, Ul. Krasny Oktyabr, 5A	Tel. +7 (48434) 4-69-28
Yelensky Logging Enterprise, 000	Lumbering. Bioenergy: charcoal	249373, Pos. Yelensky, Ul. Lenina, 60	Tel. +7 (48453) 9-31-91, 9-31-2
Zarya, 000	Woodworking	249950, Medin, Ul. Lunacharskogo, 46	Tel./fax: +7 (48433) 2-14-85, parket_1999@mail.ru



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CENTRAL FEDERAL DISTRICT

Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region



Republic of

Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



KOSTROMA REGION

The Kostroma region covers an area of 60,200

km². Its length is 260 kilometers from north to

south, and 420 kilometers from east to west.

It borders the Ivanovo region in the south, the

Vologda region in the west, the Kirovsk region in

the northeast and east, and the Nizhny Novgorod

The center of the Kostroma region is home

to the Galichskaya upland (of a height of up

to 292 meters above sea level), while in the

northeast are the Severnye Uvaly. The region has

2,632 rivers up to 10 kilometers long, 535 rivers

over 10 kilometers long and 22 rivers over 100

kilometers long. The Volga and its tributaries

(the Kostroma, Unzha and Vetluga) are the main

rivers running across the region for 89 kilometers

(Gorkovskoye water storage basin). There are a

lot of lakes in the Kostroma region, the largest

of them being Galichskoye and Chukhlomskoye.

Kostroma is a poorly urbanized region, with

a population of 689,000 people. Most of the

population is concentrated in the southwest,

around the region's center - the city of Kostroma

(founded in 1152, population about 270,000

citizens) located 372 kilometers from Moscow.

The rest of the population is concentrated along

the Trans-Siberian transport route. There are

about 303 municipalities (according to data from

January 1st, 2008), including 24 metropolitan

boroughs, six prefecture-level cities and 12

The largest cities, along with Kostroma, are Bui

(25,700 people), Sharya (24,800 people), Nerekhta

(24,700 people), Manturovo (18,300 people), and

Galich (17,700 people). Small towns and villages

are distant from one another, and the transport

connections between them are limited.

region in the southeast.

the main vegetation.

urban settlements.

The Kostroma region is the 44th subject of the Russian Federation and is part of the Central Federal District. It is one of the less economically developed districts of Central Russia. It does however have vast forest and peat reserves.

ECONOMY AND INDUSTRY

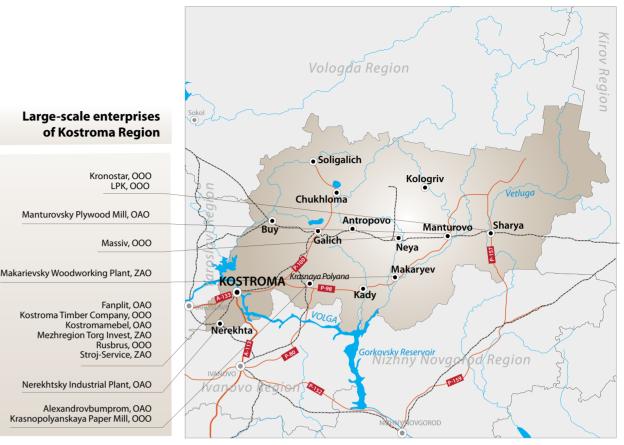
The major industries are textiles (linen and others), the woodworking industry, machine building (manufacturing diggers, machines, equipment for the textiles, chemical, food and woodworking industries) and the food industry. The Kostroma region has very energy-efficient manufacturing regarding its needs, as it is home to the Kostroma thermal power plant (locally known as GRES), one of the largest and most advanced in the European part of Russia. The region produces 15% of the fiberboard, 13% of particleboard, and 10% of wood veneer of the total output of the Russian Federation.

The region has all the prerequisites to become a successful region making good progress among the other regions of the Central Federal District. The region's socio-economic indicators illustrate this. One of the most conclusive results is the Industrial Production Index. In 2008, the Kostroma region, among seven of eighteen regions, had a positive production rate of 1.3%, which could have been higher had it not been for the crisis.

Economic and social recovery measures have been developed, and a program to help people find work is being implemented in 2009-2010. The program includes investments of 130.5 million rubles this year, with 99.7 million rubles from the federal budget, 14.1 million rubles from the municipal budgets and 16.7 million rubles from the regional budget.

A program of additional measures intended to ease tension on the labor market with total financing of 209 million rubles from the federal budget and 11 million rubles from the regional budget is also underway.

The crisis management measures undertaken by the regional government have already seen positive results. This is supported by data based on monitoring by the Regional Department of Economic Development, Industry and Commerce. The Industrial Production Index was 112% in the first quarter of 2010, and in March, the price



index for industrial manufacturers was 103.6% of that in December 2009. Investment in the main capital of major companies totaled 47.2 million rubles, 27.9 percent higher than the same period in 2009. The export turnaround of the Kostroma region has almost tripled, and amounted to \$30.6 million in January 2010.

The economic activity of companies has also reinvigorated the region's banking sector. As of 1 February 2010, credit organizations had provided commercial entities with 19,570.4 million rubles of loans, which is 14.1% higher than in January 2009. At the same time, foreign currency loans have grown by 3.2 times.

In January 2010, the regional budget income (in terms of execution) increased by 34.9% compared to January 2009.

The federal budget has seen a tax revenue increase of 10%, while regional and local tax arrears have decreased by 12.8 million rubles. In the first quarter of 2010, shipped region-made

Table 1. Changes in commodity composition of export in the years 2003-2010, \$ million

	2003	2004	2005	2006	2007	2008	2009	9 months of 2010
Export, total	91.6	137.9	219.1	236.9	267.2	232.4	161.8	136.8
Timber and wood	53.2	60.1	103.6	127.6	169.8	149.4	104.9	88.2



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Overground water resources total 50.7 km³. With a moderate continental climate, the average January temperature is -12°C, and the average July temperature is +18°C. There is about 600mm of annual precipitation (the peak precipitation occurs in summer). Sod-podzol soils are the most widespread. Small-leaved and conifer forests are



products and full-circle works and services provided by industrial manufacturers of the region amounted to 20.5 billion rubles. In the first guarter of 2010, compared to the same period in 2009, volumes of industrial production rose in the following industries: machine and equipment building – 137%, furniture manufacture - 121.9%, woodworking - 112.5%. Wood veneer output amounted to 56,700 m³. However, there was a decrease of 82.9% in the pulp-and-paper industry and also in the printing and publishing industry.

FOREIGN ECONOMIC ACTIVITY

Output of the Kostroma Region is delivered to more than 80 countries of the world. Seventy companies with international investments are registered and carry out their activities on the region's territory.

They represent capital of the countries of Europe, Middle East, South East Asia and North America.





Export

Import

Balance of trade

Foreign trade turnover, total



Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

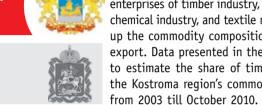
Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



aia

region are the Netherlands, Italy, Kazakhstan, Germany, Ukraine, and Uzbekistan. Production of enterprises of timber industry, machine building, chemical industry, and textile manufacture make up the commodity composition of the region's export. Data presented in the table 1 allow us to estimate the share of timber and wood in the Kostroma region's commodity composition

The main trading partners of the Kostroma

Table 2. Dynamics of foreign trade turnover in 2003-2010, \$ million

Export ratio in foreign trade turnover, % 62.4 39.5 59.3 60.4 59.4 52.4 53.4

Import ratio in foreign trade turnover, % 37.6 60.5 40.7 39.6 40.6 47.6 46.6

2003 2004 2005 2006 2007 2008 2009

146.9 348.8 369.5 392.4 450.0 443.2 303,1

91.6 137.9 219.1 236.9 267.2 232.4 161.8

53.3 210.9 150.4 155.5 182.8 210.8 141.3

+36.6 -73 +68.7 +81.4 +84.4 +21.6 +20.5

In whole, foreign trade turnover of the Kostroma region has changed, more than 2 times for the last two years and yearly it comprises more than \$400 million (Table 2). The year 2009 was exceptional following the crisis phenomenon which negatively influenced the foreign economic activity of all the subjects of the Russian Federation. Foreign trade turnover of the Kostroma region for 2009 was \$303.1 million, i.e. 68% of the 2008 level (growth rate of RF foreign trade turnover for this period was 65%), including export deliveries - \$161.8 million, and import transactions – \$141.3 million. Greater volumes of export transactions and fewer import transactions provided active surplus of the foreign trade turnover of the amount of \$20.5 million. In January-December 2009 export was \$161.8 million. At the end of the year the region's enterprises gradually activated export business. Export deliveries increased from quarter to quarter and in the fourth quarter of 2009 exceeded the level of the year 2008.

Mainly, output of timber-processing, machine building and chemical industry formed the merchandise export pattern. Timber product (64.8%), machinery (12.5%), metal and metal products (7.5%) were the main exports. The largest participants of foreign economic activity with export transactions are OAO Fanplit (plywood), and 000 Kronostar (chipboard, fiberboard and MDF)

deliveries were \$136.8 million (growth of 18.6%

Foreign trade turnover of the Kostroma region in January-September 2010 was \$374.1 million, a growth from the 2009 level of 77.6%. Export

from 2009 level), and import deliveries \$237.3 million (2.5 times growth in comparison with the equivalent level 2009). Export of goods in January-September 2010 was \$136.8 million. Export to the CIS increased by 9.1% and was \$44.4 million, and to the countries of far abroad - by 23.9% (\$92.4 million). Export increase to the CIS is closely connected with delivery of timber products, flat section and spare parts for engines. The increase in export to far abroad is from plywood, rough logs, hangings, bedclothes and ferroalloys. Export of timber and wood products has increased in terms of value on 17.1% and in January-September 2010 was \$88.2 million (plywood export in physical measurement increased by 2.8 thousand m³, in value terms increased by 24.2%). Export of saw timber in the current term increased by 46.2% to the level of last year, export of raw lumber increased 2.9 times. In total export in the Kostroma Region for January-September 2010 to the equivalent period of 2009 increased by 18.6%.

nths of 2010

374.1

136.8

36.6

237.3

63.4

-100.5

Considering development of foreign economic activity of the Kostroma region in 2010, one might say that in total export-import operations will be increased in comparison with the period of 2009 and will be close to the rates of 2008.

TRANSPORT INFRASTRUCTURE

The region has 8,300 kilometers of roads, of which 3,200 kilometers of roads have hard surfaces (asphalt and concrete).

Two of Russia's eighteen main motorways pass through the Kostroma region. They include 374 kilometers of the Moscow - Yaroslavl - Kostroma - Kirov - Perm - Yekaterinburg highway and 164.5 kilometers of the Arkhangelsk - Kotlas -Sharya – Nizhny Novgorod – Shatsk – Tambov - Voronezh - Belgorod highway.

The railroads of the Kostroma region provide a transport and economic link between Russia's west and northwest with its eastern regions. The Kostroma region has 640 kilometers of railways. The two railway management departments are

Vologodskove (250 kilometers of railroads) and Yaroslavskove (250 kilometers of railroads). The northeast of the region is home to the Shortiugskove industrial railway transport enterprise (54 kilometers of private railroads). The Vologodskoye department of the Northern Railway is the main passenger and freight carrier. Despite the decline of industrial manufacturing in the region, the freight turnaround totals 11,450 million tonnes/kilometer.

Bui, Galich, Sharya (Vologda department), Kostroma and Nerekhta (Yaroslavl department) are the largest railway stations in the region. In September 2009, a new railway station was constructed and commissioned in the city of Galich.

The railway transport system development strategy was approved by decree #877-p of the Government of the Russian Federation of 17 June 2008. Railway transport must see dynamic development in the modernization of its existing material base, technical resources and infrastructure, as well as the extension of the rail network, in order to overcome the effect of the crisis and facilitate the economic growth of the Kostroma region. This strategy includes the construction of siding tracks between Galich and Yaroslavl, the electrification of the railway between Kostroma and Galich and reconstruction of the existing Kostroma-Yaroslavl route to launch a high-speed railway between Kostroma and Moscow.

kilometers).

The rest of the navigable waterways are located on three small rivers: the Kostroma, Unzha and Vetluga. These waterways have not been used for a long time, and as a result, are in need of reconstruction. They require work such as cleaning waterbeds, restoring navigability and infrastructure and preparation of appropriate pilot documentation. This work will require over 100 million rubles.

RUSSIA'S MOST WOODED REGION OF THE CENTRAL FEDERAL DISTRICT

The Kostroma region is located in the south taiga zone. The total area of its forest reserves is 4,632,000 hectares (around ³/₄ of the region's area) with protected forests covering 583,500 hectares. Commercial forests cover 4,048,300 hectares, including 1,669,500 hectares that are leased out. It is unsurprising, then, that the timber and woodworking industry plays a key role in the region's economy. The TI produces about 19% of the region's industrial product and employs about 30% of the population.

As of 01.01.2010 land covered by forests amounts to 4,386,600 hectares, including 2,059,400 hectares (46.9%) of prevailing softwood forests. Total timber reserves total 715.33 million m³. In terms of age, the structure of the region's forests is the following: young

region's area.



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The length of the internal navigable waterways of the Kostroma region totals 894 kilometers. The climatic conditions allow navigation for six months a year.

The Volga River is the main river route of the Kostroma region (its exploited section is 120

Taking into account that organizing freight and passenger transport will require a considerable amount of the initial costs, the feasibility of navigation restoration on the small rivers will be assessed based on investors' interest in major investment projects, including projects in the wood harvesting and timber-processing industries. Kostromskoi Rechnoi Port group of companies is the main carrier providing passenger and freight shipping services, cargo handling and mining.

OAO Kostromskoye Aviapredpriyatiye provides air transport services for passengers and freight in the Kostroma region. The equipment and employers of the company are also used in disaster response missions.

Alexander RFCHITSKY

forest occupies 1,220,500 hectares, middleaged forest - 1,408,800 hectares, mature and overmature forest - 843,400 hectares, and ripening - 924,900 hectares. The region is highly wooded - forests cover 74.2% of the







Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

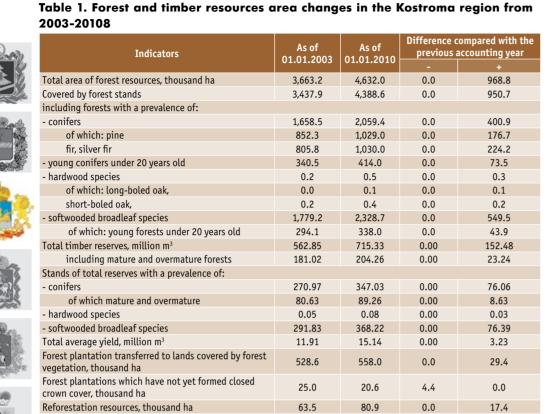
Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region





Modern species composition of the forest resources and their age structure are shown in graphs (Figs 1 and 2).

More than half of the forest area (54%) is located in a damp or wet habitat.

Three quarters of the state forest resources 4,048,300 hectares belong to commercial forests that are subject to development for purposes of stable and efficient timber receiving. Protected forests takes up 583,500 hectares, which perform and environment-generating, water-protection, protective, and other functions.

144,400 hectares of forests near cities and other settlements are designated as green belts. Most timber harvesting (93%) is performed by clearcutting, which has very unfavorable environmental consequences due to the fact that clear-cutting disturbs forest ecosystems for 50 years. Clearcutting destroys almost all undergrowth, the soil becomes mixed and more solid, berry bushes, medicinal plants and mushrooms are destroyed, the water cycle is disrupted, marshes form in felling areas, underground waters are contaminated by the products of rotting timber leftovers, landscapes are disturbed and the protective functions of forests are decreased.

The biggest environmental impact is caused

by clear-cutting in summer, especially on earth with weak subsoil-bearing capacity and when mechanical logging equipment is used.

Forests need to improve their species composition, restoring pine, fir and silver fir, oak, larch and lime tree stands.

Lands covered by commercial forests amount 3,842,600 hectares, hardwood species take 46,5%, softwood broadleaf species - 53,5%.

Grouping of commercial forests according to age is quite even and close to optimal: young forests -29,3% (optimal value - 34%), middle-aged - 31,5% (32%), ripening – 21,0% (17%), and ripe and overripe - 18,2% (17%). Bank of ripe and overripe plantations of commercial forests make 165398,900 m³, including conifers - 41,3%, softwooded broadleaf - 58,7%, bank of hardwood is small. From the common bank of ripe and overripe forests, the bank of pine plantations makes up 10,2%, spruce - 31,0%, birch - 36,0%, aspen - 22,1%.

According to the Forestry Department of the Kostroma region government, the region harvested 3.4 million m³ of timber or 27.6% of the cutting area last year. The felling volume dropped by a third compared with 2008. One of the main reasons for the decrease is a slump in demand for the final product in early 2009.

Fig. 1. Species composition of forest resources, %

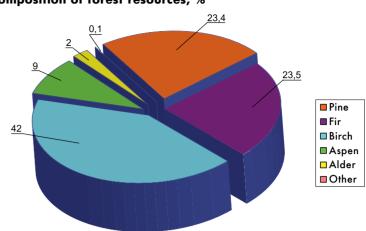


Fig. 2. Age structure of the forest resources of the Kostroma region (thousand hectares)

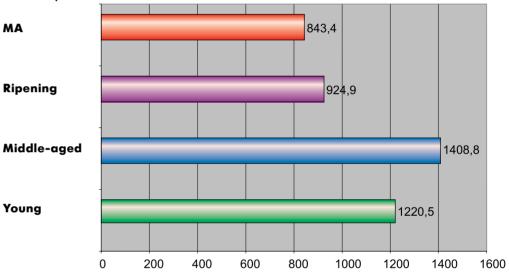


Table 2. Classification of the Kostroma region forests by purpose, thousand hectares

Forest purpose	Forests on the lands of the forest fund	Forests on defense lands	City forests	Forests in specially protected natural sites	Overall in the region
Total protective forest	583.5	3.4	0.6	58.9	646.4
1. Forests in specially protected natural sites	-	-	-	58.9	58.9
2. Forests that protect natural and other objects	214.0	3.4	0.6	-	218.0
 a) protective lines of forests growing along public railways and federal motorways in the ownership of the subjects of the Russian Federation 	70.9	3.4	-	-	74.3
b) green belts	143.1	-	-	-	143.1
c) city forests	-	-	0.6	-	0.6
3. Valuable forests	369.5	-	-	-	369.5
of which:					
restricted belts of forests along bodies of water	293.5	-	-	-	293.5
fish spawning protected belts of forest	76.0	-	-	-	76.0
Commercial forest	4,048.4	12.6	-	-	4,061.1
Total:	4,632.0	16.0	0.6	58.9	4,707.3

According to the Forestry Agency of the Kostroma Region director, Gennady Yurzov, 4.1 million m³ of timber are expected to be harvested this year. An assessment of the main parameters of the

social and economic development of the region's TI in 2010-2012 allows us to assume that 2010 will see the beginning of production growth, and that in 2012, pre-crisis output will be achieved.



furniture plants.

The TI Complex department pays a great deal

of attention to the problem of preserving

forest resources. For this purpose, the volume

of reforestation in the region has been doubled.

The TI Complex of the Kostroma region includes

602 enterprises, including 206 large and medium-

sized timber logging enterprises, three plywood

plants, one cardboard and two paper mills and

The industrial policy of TIC companies consists

in reducing the volume of unprocessed timber

exported outside the region and increasing

the manufacture of sawn timber, plywood,

particleboard and furniture. Output of many

product types is higher than the region's

demand. Around 87,1 % of particleboard, 98,7%

of glued plywood, and 89,9% of fibreboard are exported to other Russian regions and to both

The major TIC enterprises of the region are:

OAO Fanplit (plywood, particleboard, laminated

board), OAO Manturovo plywood plant (MPP)

(plywood, laminated plywood, bentwood products

from veneer), 000 Kronostar (particleboard,

laminated board and MDF), 000 LPK (timber

materials, millwork and parts of houses), 000

Krasnopolskava Paper Mill (fitting cardboard,

binder board and electric insulation cardboard),

OAO Kostromadrevprojekt (timber plants

planning), and OAO Kostromamebel (sets of casegoods furniture, including upscale furniture).

What follows is some detailed information about

Manturovo plywood plant (MPP) is a major

employer of the city of Manturovo. April 2010

saw the commissioning of a new plywood

plant, and also coincided with the plant's 95th

birthday. The Federal Forestry Agency head

Alexei Savinov and Kostroma Region Governor

Igor Slyunyayev participated in the ceremony.

Last year, fire destroyed the main plywood

manufacturing workshop of MPP, when 16,500

m² of production areas burned down. In August

2009, restoration work began at the plant. The

volume of investment came to 1.14 billion rubles.

some of the region's largest enterprises:

neighboring and distant foreign countries.

TIMBER INDUSTRY COMPLEX

CENTRAL FEDERAL DISTRICT

Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region



aic

Kirov Region

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



The industrial capacity of the restored enterprise producing finished goods grew from 60,000 to 100,000 m³ of plywood a year, and an additional 140 workplaces were created at the plant. The total number of the plant's employees is 780. Cutting-edge equipment from Finland, Germany, Switzerland, Japan, Turkey and Sweden was installed in the new industrial building. Its capacity is twice the capacity of the old MPP equipment. In keeping with regional investment legislation, the plant was given tax preferences for the project payback period. The overall amount of concessions came to 146.76 million rubles.

OAO Fanplit Kostroma plywood plant became part of the Sveza Group of companies in 1999. Major products produced by the enterprise are: E-1 emission class birch plywood with standard (Φ K) water resistance (format: 1,525 x 1,525mm, GOST 3916.1-96); E-1 emission class particleboard (format: 3,500 x 1,750 x 16mm, GOST 3916.1-96); E-1 emission class particleboard faced with a film based on thermosetting polymer (TU 5534.006-00255177-2000); and E-1 emission class birch plywood with increased (FSF) water resistance (format: 2440 x 1220mm, TU 5512-007-00273235-2001).

OAO Fanplit produces up to 210,000 m³ of plywood and up to 100,000 m³ of particleboard per year. The plant's products are in good demand, both on the domestic and external market. Over 200 enterprises in Russia and CIS countries purchase the plant's produce, and up to 70% of overall produce are exported to Western Europe and North America.

The production quality system of Sveza Group of Companies (including OAO Fanplit) is certified according to ISO-9001 standard requirements.

000 Kronostar (the city of Sharya) is Russia's largest investment project in the woodworking industry, having been launched in 2002 with a whole system of the most up-to-date board production lines planned to be constructed by 2007. Kronostar is now the largest wood-based board producer in Russia. Currently the factory produces the following: laminate flooring, wall panels, MDF boards, LMDF, particle boards and melamine-faced particle boards. The total annual production capacity of Kronostar is almost 1,000,000 m³ of different products.

Kronostar enterprise was designed on the basis of lasting experience gained all around the world by the Swiss Krono Group concern, utilizing the most up-to-date achievements in the sphere of wooden board production, as well as in the nature- and resourcepreservation sphere. The factory does not simply correspond to ecological standards; it also promotes the reasonable usage of

Table. List of investments projects of the Kostroma region in the field of forests development

levelopm	ent				
Project Name	Paper Mill Construction	Creation of OSB Production	Creation of Furniture Shield form Birch in Sharjinsky District of the Kostroma Region	Creation of Plywood Production	Creation of Saw timber Production
Place of Realization	Manturovo	Buysky district	Sharjinsky district	Soligalichsky district	Pischugsky district
Field	Deep wood- processing	Deep wood-processing	Deep wood-processing	Deep wood- processing	Deep wood- processing
Goal	Issue of competitive import- substituting paper and cardboard products	Maximum satisfaction of internal market needs in OSB materials based on organization of production with up- to-date equipment and tools exploitation	Organization of birch sawing with the following production of furniture shield and workpieces	Issue of competitive plywood products	Issue of competitive products
Main production types	Paper and cardboard	OSB	Glued shield, components, and saw timber	Plywood	Beam and slab
Production capacity	 uncoated paper 250 000 tons per year; coated board – 300 000 tons per year 	450,000 m³ per year	35,000 m³ per year	100,000 m³	200,000 m³
Trade area	Russia, the near abroad and far abroad countries	Russia	Russia, world market	Russia, the near abroad and far abroad countries	Russia and the near abroad countries
Main Competitors	Ust-Ilimsky and Arkhangelsky Paper Mills	Absent on the Russian territory	Present far away	Enterprises of SVEZA Group	Present far away
Total Project Cost, mln rubles	51,000	6,000	1,500	1,500	700
Forms of Investing	Direct investments, procurement, long- term cooperation, share holding in building	Direct investments, procurement, long-term cooperation, share holding in building	Direct investments, procurement, long-term cooperation, share holding in building	Direct investments, procurement, long-term cooperation, share holding in building	Direct investments, procurement, long-term cooperation, share holding in building
Payback Period, years	10.8	10	4.9	4.5	3.6
Additional Information about the project	Included in the prior investment projects of the Kostroma region in the field of forests development	Prescribed cut of the Buyski forestry is 725 000 m ³	Prescribed cut of the Sharjinsky forestry is 910 700 m ³ . Timber lands are formed for realization of the project. Land for organization of woodworking production is determined. Distance to the engineering network is around 1 km.	Prescribed cut of the Soligalichsky forestry is 809 200 m ³	Prescribed cut of Pischugsky forestry is 569 600 m ³

nature in its infrastructure. For many years Kronostar has maintained its status of a green-thinking company. The company has received two honorable awards from Russia's most prestigious environmental contest, "100 Best Organizations in Russia. Ecology and Environmental Management", and its director general has twice been named environmentalist of the year. Efficient environmental protection activities, implementation of environmental programs, their effectiveness, environmental complexity and the scope of environmental

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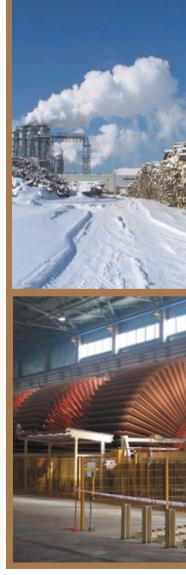
protection activities within the company's business activity were the criteria for determining a winner.

Investment Climate Major investment projects for forest development will greatly facilitate the development of the region's Timber Industry Complex.

The investment rating of the region is 3C1, which means decreased potential and high risk. The region is ranked 65th among other regions in terms of its investment risk and 71st in terms

000 KRONOSTAR





Bryansk Region

Kaluga Region



aia

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

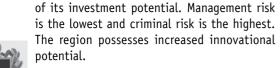
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



The Kostroma region pays particular attention to developing investment policy. The investment projects of the region's TIC are monitored by the Investment Council of the Kostroma Regional Governor. In 2008-2009, the council approved 94 projects in the industry. As of 1 January 2010, the sum of investments came to 1.93 billion rubles.

"To punish investors who do not fulfil their obligations appropriately, we will have to sanction them, even going as far as refusing to lease a woodlot," says Igor Slyunyayev, the regional governor.

Several dozen investment projects are being implemented in the region's territory. The largest of them belong to the woodworking industry: 000 Kronostar for fiberboard and MDF board manufacture and OAO Fanplit for plywood manufacture. These two enterprises alone have a capacity of board mail over 1 million m³, while the volume of investment into the economy of the region is \$500 million. On the order of the Minister of Industry and Commerce of the Russian Federation of January 28 2009, a pulp-and-paper mill construction project in the city of Manturovo was included on the list of priority investment projects of Russia in the forest development sphere.

This is the first business plan in the history of the Kostroma region to cover industrial parameters as well as investor's liabilities to develop social and communal infrastructure.

Alexander RFCHITSKY

Consequently, 9 billion rubles will be spent on

constructing houses, schools, a kindergarten

and nursery, clinic, hotel, canteen and, last but

At the launch ceremony of the Manturovo plywood plant, the Governor of the Kostroma

region, Igor Slyunyayev, said that the authorities

of the Kostroma region would continue to attract

large-scale investments. The Investment Council

has already approved a number of large projects,

including the creation of a modern woodworking

enterprise, the construction of a pulp-and-paper

mill in the city of Manturovo, and the creation

of comprehensive timber-processing facilities for

manufacturing laminated veneer lumber products.

Their implementation will enable 8.2 million m³

of the cutting area to be developed per year.

Other projects include the creation of

comprehensive timber-processing facilities for

manufacturing laminated veneer lumber products

(000 SIP Building is the investor), the creation

of a modern woodworking enterprise (000

Arbor Sharya), the creation of OSB production

with annual output of 400,000 m³ (Tekhno-

Nikol group of companies is the investor), and

construction of a pulp-and-paper mill. The

issue of Globus company creating a plywood

plant in the Soligalich district with annual

capacity approaching 100,000 m³ of plywood a

year is currently being negotiated. The Forestry

Department of the Kostroma region coordinates

other perspective projects which are included on

the list of investments projects of the Kostroma

certainly not least, forest roads.

depstroy@kmtn.ru, www.depstroyko.ru

region.

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000 TIMBER COMPLEX





CENTRAL FEDERAL DISTRICT	ENTERPRIS OF THE KO	ES STROMA REGION		
Bryansk	-			
Region	Name Alexandrov- bumprom, OAO	Activity Pulp-and-paper	Address 157912, Kostromskaya Obl., Ostrovskoi Rayon, Pos. Krasnata Polyana,	Contacts Tel./fax: +7 (49438) 3-12-15, 3-12-17, skbf@bk.ru
Kaluga Region	AlKor, 000 Avantgard Style,	Woodworking: glue beam. Wooden house construction Furniture production	Ul. Lugovaya, 18 157200, Kostromskaya Obl., Galich, Ul. Lenina, 32 156001, Kostroma, Ul.	Tel./fax +7 (49437) 2-11-00, mpalkor@yandex.ru, www.mpalkor.ru Tel./fax: +7 (4942) 43-10-30,
	000 Bipal, TPF, 000	Woodworking	Slonikovskaya, 1 156007, Kostroma, Ul.	32-50-01, solo-k@bk.ru Tel./fax +7 (4942) 55-03-02,
Kostroma Region	Charodejka, 000	Wood-sawing. Wood-working: furniture shield	Novoselskaya, 34 157300, Kostromskaya Obl., Manturovo, Ul. Matrosova, 25	bipal@kmtn.ru Tel. +7 (49446) 2-89-17, Fax +7 (49446) 2-84-01, mlestrans@mail.ru
Moscow	DK, 000	Lumbering, wood-sawing		Tel./fax +7 (49452) 2-74-40, ooodkk@mail.ru
Region	Dom-Stroj, 000	Wooden house construction	157130, Kostromskaya Obl., Chukhloma, Ul. Oktyabrya, 40A	Tel./fax: +7 (49441) 2-19-22, 2-26-66, info@dom-stroi.ru, www.dom-stroi.ru
	Drevprom, 000	Wooden house construction. Wood-sawing: saw timber	156000, Kostroma, Ul. Lenina, 10	Tel./fax +7 (4942) 45-32-11, pkp- drevprom@mail.ru, www.drevprom.ru
Vladimir Region	Dverokon, ZAO	Woodworking: doors, windows, stairs. Furniture production: lux- style furniture	156003, Kostroma, Ul.	Tel.: +7 (4942) 51-34-36, 51-72-11, Fax +7 (4942) 35-85-51, dveriokna2008@rambler.ru, www.dverokon44.ru
eie	Eurowood, Trade Firm, 000	Wood-sawing: moulded strips, floors board	156000, Kostroma, Ul. Galichiskaya, 130A	Tel./fax +7 (4942) 55-66-62, eurowood@kmtn.ru
Yaroslavl Region	Fanplit, OAO (part of Sveza Group)	Woodworking: plywood, chipboard	156691, Kostroma, Ul. Komsomolskaya, 2	Tel./fax: +7 (4942) 65-05-11, 65-05-17, fanplit@sveza.com, www.fanplit.ru
VOLGA	Galichsky Forestry Enterprise, 000	Lumbering. Wood-sawing: saw timber, moulded strips	Galich, Ul. Gora Yamskaya, 4	Tel.: +7 (49437) 2-11-51, 2-11-52, Fax +7 (49437) 2-11-33, galichlph@galichlph.ru
FEDERAL DISTRICT	Kologrivsky Forestry Eetrprise № 1, 000	Lumbering. Wood-sawing: saw timber	Kologrivsky Rayon, Kologriv, Ul. Nekrasova, 20	Tel./fax +7 (49443) 4-14-52,
Kirov	Kostromadrev- projekt, OAO	Timber enterprises engineering	156961, Kostroma, Ul. Komsomolskaya, 4	Tel.: +7 (4942) 31-40-43, 31-31-91, dproekt@bk.ru
Region Nizhny	Kostromamebel, OAO	Furniture production	156005, Kostroma, Ul. 1 Maya, 17	Tel.: +7 (4942) 31-62-08, 37-20-54, Fax +7 (4942) 31-14-43, info@kostromamebel.ru, www.kostromamebel.ru
Novgorod	Kostromapaktrade, 000	Pulp-and-paper: corrugating package	156019, Kostroma, Ul. Zelionaya, 1	Tel./fax: +7 (4942) 62-29-44, 41-37-06, upak@kosnet.ru, www.pak44.ru
Region Perm	Krasnopolyanskaya Paper Mill, 000 (Part of Alexandrov-	Pulp-and-paper: cardboard	157912, Kostromskaya Obl., Ostrovsky Rayon, Pos. Krasnaya Polyana, Ul. Lugovaya, 18	Tel. +7 (49438) 3-12-16, Fax +7 (49438) 3-12-17, skbf@bk.ru, www.kpbf.ru
Krai	bumprom, 000) Kronostar, 000	Woodworking: chipboard, laminated chipboard, laminate	157510, Kostromskaya Obl., Sharya, pgt. Vetluzhsky, Ul. Zentralnaya, 4	Tel.: +7 (49449) 5-98-47, 5-96-02, Fax +7 (49449) 59-611, office@kronostar.com, www.kronostar.com
Republic of Bashkortostan	Lesnoie, 000	Wood-sawing: saw timber	157920, Kostromskaya Obl., Ostrovsky Rayon, Pos. Gulaevka	Tel./fax +7 (49438) 2-24-36
	Lesresurs, 000	Wooden house construction. Woodworking: glue beam	157170, Kostromskaya Obl., Soligalichsky Rayon, Pos. Usadba Ratkovo	Tel./fax: +7 (49436) 5-24-28, 5-17-57, soligalich44@mail.ru, www.soligalich.ru
Republic of Tatarstan	LPK, 000	Lumbering	Kadijsky Rayon, Pos. Kadij, Ul. Kostromskaya, 1A	Tel./fax +7 (49442) 2-31-46, woodprod-kad@mail.ru
	Makarievo Woodworking	Wood-sawing: saw timber, moulded strips. Woodworking:	157460, Makariev, Ul. Ukolova, 2Б	Tel./fax: +7 (49445) 5-56-63, 5-58-25, doz@aquales.ru,
Ulyanovsk Region	Plant, ZAO Manturovo Plywood Mill, OAO (part of Sveza Group)	between-rooms doors Woodworking: plywood and bent- glued items	157305, Kostromskaya Obl., Manturovo, Ul. Matrosova, 2Б	www.mkdoz.ru Tel./fax: +7 (49446) 2-73-70, 2-31-11, mfk@sveza.com, www.sveza.ru

Name Massiv, 000	Activity Wood-sawing: saw timber and	Address 157332, Kostromskaya Obl.,	Contacts Tel./fax +7 (49444) 2-23-19,
MdSSIV, 000	sliced output. Woodworking: glues beam and furniture shield	Neya, Ul. Nelsha, 2A	elenamassiv@rambler.ru, www.massivcom.ru
Maxim 000		156012 Kastroma III	
Maxim, 000	Furniture production	156013, Kostroma, Ul. Sennaya, 22/22	Tel.: +7 (4942) 31-15-11, 35-12-91 Artlex_14@mail.ru, www.maxim-mebel.ru
Mebel-Komplekt,	Furniture production	156961, Kostroma, Ul. 2-ya	Tel./fax +7 (4942) 34-18-32,
000		Volzhskaya, 12	341832@gamma-mk.ru, www.qamma-mk.ru
Mezhregion Torg	Wood-sawing: sliced output.	156001, Kostroma, Ul.	Tel. +7 (4942) 53-06-12,
Invest, ZAO	Woodworking: cement-shaving boards	Solonikovskaya, 6	Fax: +7 (4942) 53-02-61, 53-75-91, cspk@kmtn.ru, www.kostroma-csp.
Nasha Marka	Furniture production	156016, Kostroma, Ul.	Tel./fax: +7 (4942) 42-30-01,
Furniture Company (IP Lebedev)		Yubilejnaya, 24	42-30-03, nashamarka@bk.ru,
Norokhtsky	Furniture production	157800 Kostromskava	www.marka44.ru Tel./fax: +7 (49431) 7-51-28, 7-59-5
Nerekhtsky Industrial Plant, 0A0		157800, Kostromskaya Obl., Nerekhta, Ul. Krasnoarmejskaya, 82	npkmeb@mail.ru, www.logart.ru
Neyatrade, 000	Lumbering	157330, Kostromskaya Obl.,	Tel.: +7 (49444) 2-22-68, 2-15-34,
		Neya, Ul. Lenina, 124	2-18-01, neyatrade@yandex.ru
0mega, 000	Lumbering	157630, Kostromskaya Obl., Pischugsky Rayon, Derevnya Iraklikha, Stroenije1	Tel. +7 (4945) 22-61-12, omega19711@rambler.ru
Pattern, 000	Furniture production	156026, Kostroma, Ul. 2-ya	Tel. +7 (4942) 42-12-81,
Drofinal 000	Bulp and papers convected	Volzhskaya, 7	zakaz@patern.ru, www.patern.ru
Profipak, 000	Pulp-and-paper: corrugated board	156019, Kostroma, Ul. Lokomotivnaya, 5Г	Tel./fax +7 (4942) 32-66-20, profipak44@rambler.ru
Regional Timber	Lumbering	156961, Kostroma, Ul.	Tel. +7 (4942) 37-13-22,
Company, 000		Komsomolskaya, 4	Fax +7 (4942) 31-32-16, reglesko@yandex.ru
Rodniki, 000	Wood-sawing: saw timber.	156001, Kostroma, UL.	Tel.: +7 (4942) 53-14-32
Rubin-Les, 000	Woodworking: wooden package Wood-sawing: saw timber	Moskovskaya, 94A 157500, Kostromskaya Obl.,	Tel./fax +7 (49449) 5-01-96,
Rubin-Les, 000	wood-sawing. saw timber	Sharya, Ul. Tupikovaya, 4/5	rubinles@mail.ru
Rusbrus, 000	Woodworking: glue beam,	156007, Kostroma, Ul.	Tel./fax: +7 (4942) 35-75-31,
	furniture shield, building	Novoselskaya, 34	35-75-11,
Pussian Forest 000	structures Lumbering, wood-sawing	157170, Kostromskaya Obl.,	info@rusbrus.ru, www.rusbrus.ru Tel. +7 (49436) 5-10-29,
14331411101630,000	Lumbering, wood-sawing	Soligalich, Ul. Energetikov, 7	rusles@mail.ru
Servisles, 000	Wood-sawing	157610, Sharya, Ul. Oktyabrskaya, 19A	Tel. +7 (49449) 5-34-56, aleksandr2971@rambler.ru
Shellen Sole Trader	Furniture production	56019, Kostroma,	Tel. +7 (4942) 22-59-22, Fax +7
		Industrialnaya, 62A	(4942) 34-02-43, shellen@kmtn.ru, www.shellen.ru
Shevchuk IP	Wooden house construction	157130, Kostromskaya Obl.,	Tel./fax +7 (49441) 2-12-76,
		Chukhloma, Ul. Lipovaya, 3	saha5936@yandex.ru, www.kostsrub.ru
Stroj-Service, ZAO	Wood-sawing: moulded strips.	157510, Kostroma. Ul.	Tel./fax +7 (49449) 5-51-70,
Takos, 000	Woodworking Furniture production	Industrialnaya, 9	maksimov_valeri@mail.ru
1dk05, 000		156026, Kostroma, Ul. Drovianaya, 49	Tel./fax +7 (4942) 42-50-04, novikovakr@okson.ru, snab@takos.ru, www.takos.ru
Terem 44, 000	Wooden house construction.	656000, Kostroma, Ul.	Tel. +7 (4942) 30-06-11,
	Wood-sawing: logs	Komsomolskaya, 9	terem-44@mail.ru, www.terem44.
Timber Company Kostroma, 000	Lumbering. Wood-sawing: saw timber, moulded strips	156961, Kostroma, Ul. Komsomolskaya, 4	Tel. +7 (4942) 31-79-00, Fax +7 (4942) 31-30-07,
Timber Complex,	Lumbering: wood flour, logs.	157510, Kostromskaya Obl.,	pavlov@kmtn.ru, www.lpk-kostroma Tel./fax: +7 (49449) 5-56-09, 5-58-
000	Wood-sawing: saw timber	Sharya, pgt. Vetluzhsky, Ul. Pervomayskaya, 22A	lpk@lpk-sharya.ru
Plant, (IP	Furniture production	156025, Kostroma, Ul. Yubileinaya, 28	Tel./fax: +7 (4942) 42-14-00, 42-23-51, info@vashden.com,
Gasovich)	Wooden house construction	157130 Kostromskova Ohl	www.vashden.com Tol ± 7 (003) 572-00-18
Vekoles, 000		157130, Kostromskaya Obl., Chukhloma, Ul. M. Gorkogo, 38	Tel. +7 (903) 572-99-18, vekoles@rambler.ru
VeLes, 000	Woodworking: moulded strips, floor board	156013, Kostroma, Pr. Mira, 151A	Tel.: +7 (4942) 63-94-92, (910) 661-82-30,
Zeblyakiforest, 000	Lumbering	157550, Kostromskaya Obl.,	veles44@mail.ru, www.drevplit.su Tel. +7 (49449) 3-12-44, Fax +7
	-a.i.bering	Sharyinsky Rayon, S. Zeblyaki,	(49449) 3-12-49,
Zil-Les, ZAO	Lumbering, wood-sawing	Ul. Moskovskaya, 18 157320, Kostromskaya Obl.,	zlesprom@kosnet.ru Tel. +7 (49446) 9-51-90.
	,	Manturovsky Rayon, Pos. Oktyabrsky, Ul. Kirova, 1	Fax +7 (49446) 9-51-52, zilles@mail.ru

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Bryansk Region

Kaluga Region

Kostroma Region



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Kirov Region

Nizhny Novgorod Region



Republic of Bashkortostan

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MOSCOW REGION

The Moscow region received its name for the city of Moscow, which is however a different subject of the Russian Federation and is not part of the region. The bodies of state power of the Moscow region, in accordance with historical tradition, are traditionally located on the territory of Moscow and the Moscow region. Since 2007, bodies of executive power have worked at the House of Government of the Moscow region on the outskirts of Krasnogorsk. The region is part of the Central federal district of the Russian Federation.

Historically, the region was preceded by the Moscow guberniya, which was founded by Peter the Great in 1708. The region was formed on 14 January 1929 as the Central Industrial region, in the course of consolidation of units of administrational and territorial division of the RSFSR, and on 3 June 1929 it was renamed the Moscow region.

GEOGRAPHY AND CLIMATE

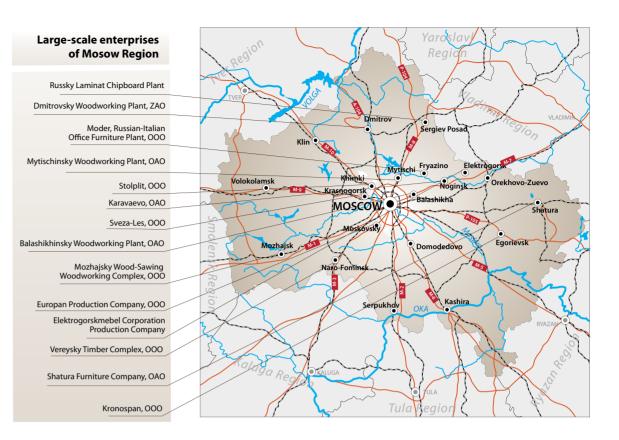
The Moscow region is located in the center of the European part of Russia in the basin of the Volga, Oka, Klazma and Moscow rivers. To the north and northwest, it borders the Tver region, the Smolensk region to the west, the Yaroslavl region to the northeast, the Vladimir region to the east, the Ryazan region to the southeast, the Tula region to the south and the Kaluga region to the southwest. The area of the territory is 45,800 km³.

The relief of the region is mainly flat. The western part is occupied by hilly elevations (over 160 m in height) and the eastern part by extensive lowlands. Almost the entire west and north of the Moscow region is occupied by the morainic Moscow highland with well-pronounced river valleys, with the greatest average height of around 300 m in the Klinsko-Dmitrovsky range, and the highest point (310 m) by Shapkino village in the Mozhaisk region.

The northern slope of the Moscow highland is steeper than the southern slope. Within the boundaries of the highland, there are numerous lakes of ice-age origin (Nerskoe, Krugloe etc.). To the north of this highland is the flat and highly-swampy Upper Volga lowland. In the south of the region, the hilly Moskvoretsko-Okskaya plain extends, with the greatest height (255 m) in the area of Tyoply Stan (within Moscow city limits), with clearly-pronounced river valleys (especially in the southern area). At the extreme south of the region, beyond the Oka, there are the rather high (maximum height 238 m) northern spurs of the Middle Russian elevation with numerous ravines and gulleys.

Almost all of the eastern half of the Moscow region is occupied by the extensive Meshchera lowland, which is swampy in its eastern part; its highest hill is 214 m above sea level; heights of 120-150 m predominate; river valleys are weakly pronounced. Almost all the major lakes of the Meshchera lowland (Chernoe, Svvatoe etc.) have their origin in the ice age.

The climate of the Moscow region is moderately continental, and seasons are clearly pronounced; the summer is warm, and the winter is moderately cold; continentality increases from the northwest to the southeast. The period with an average daily temperature below 0 °C lasts 120-135 days, starting from mid-November and ending at the end of March. The average annual temperature on the territory of the region varies from 2.7 to 3.8 °C. The coldest month is January (average temperature in the west of the region -10 °C, in the east - 11 °C). With the arrival of Arctic air, strong frosts set in (below -20 °C), which last up to 40 days over the course of the winter (but usually, frost periods are much shorter); some years frosts have reached -45 °C. In winter (especially in December and February, there are frequent thaws caused by Atlantic and more rarely by Mediterranean cyclones; they usually do not last long (average length 4 days). Snow cover usually appears in November and disappears in mid-April. Permanent snow cover usually settles at the end of November: its height is 25-50 cm. Soils freeze to 65-75 cm. The warmest month is July (average temperature +17 °C in



the west and +18,5 °C in the south-east). The average annual precipitation is 450-650 mm, and the wettest areas are in the northwest, and the driest in the southeast. In the summer months, an average of 75 mm of precipitation falls, but once every 25-30 years droughts occur in the Moscow region, when less than 5 mm of precipitation falls.

NATURAL RESOURCES

The Moscow region is rich in various minerals. Sands in sediments of various periods (primarily the Quaternary and Cretaceous periods) are of high quality and are widely used in building; quartz sands are used in the glass industry, and they have been mined since the end of the 17th century in the Lyubertsy region; some of the fields are at present conserved for ecological reasons; only the Yeganovskoe field is being developed (supplies of guartz sands - 33 million tons, annual production up to 675,000 tons). Sand and gravel fields are numerous within the boundaries of the Smolensk-Moscow highland. Fields of sandstone are mined in the Klinsky and Dmitrovsky regions.

There are also numerous clay fields in the Moscow region. Fields of low-melting clay are

mined in Sergiev Posad, Dmitrovsky, Lukhovtitsky, Serpukhovsky and other regions.

manufacture.

For a long time, the Moscow region has been famous for its limestone which is soft in processing. The Myahckovskoe field of rubble limestone is famous, and this stone was used for the fasade of the Bolshoi Theater, for example. Limestone mining in Myachkova has been suspended at present: limestone of the Carboniferous period are produced at mines of the Podolsky, Voskresesnky and Kolomensky regions. Fields of marble-like limestone are also known, for example in the Kolomna area.

On the territory of the region, deposits of other carbonaceous rocks have also been found -



The Yeldigin field near the village of Sofrino stands out: supplies of raw materials are assessed at 30 million m³, and annual production is up to 600,000 m³. Fire-resistant white clay is encountered in the east of the region (in sediments of the Carboniferous and Jurassic systems) and has been mined since the 14th century in the area of Gzhel; a major field is Kudinovksoe near the town of Eletrougli, with raw material supplies of 3 billion tons. Clay loam is very widespread, which is used in brick





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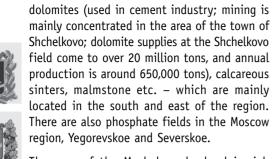
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The area of the Meshchera lowland is rich in peat fields; they are also present in the Upper Volga lowland. The largest functioning fields are Ryazovskoe (840,000 tons per year) and Radovitsky mokh (760,000 tons per year). Fossil fuels in the region include brown coal (in Zaoksky regions, interstratified layers belong to the Moscow coal basin); these fields do not have industrial value and are not being developed. Within the boundaries of the region, insignificant fields of iron (in the Serpukhovsky and Serebryanoprudsky regions) and titanium are known. Fields of potassium salt have been proved (in the Serpukhovsky and Yegorevsky regions).

In the Moscow region, there are also numerous mineral sources, particularly ferrous (by Zvenigorod, Serpkuhov and Klin). Besides open sources, numerous layers rich in mineral water have been found at depths of 300-500 m. At a depth of 1-1.5 km, an underground salty sea of a considerable area has been found, which is believed to occupy the territory of the Moscow region as well as several neighboring regions. Salt waters with a salt concentration of up to 300 g/l are used, for example, in the local food industry, and balneological centers.

POPULATION, ECONOMY, INDUSTRY

The population of the Moscow region is over 6,752,000 people. The average population density is 147.7 people/km³. The highest density is in regions close to Moscow (Lyuberetsky, Balashikhinsky, Khimkinsky, Krasnogorsky etc.), and the lowest in the outlying regions of Lotoshinky, Shakhovsky and Mozhaisky, where it is around 20 people/km³; the eastern part of the Meshchera lowland is also sparsely populated (less than 20 people/km³. The economically active population numbers 3,434,000 people. The percentage of urban population is 80.85%.

The administrative center is the city of Moscow. Founded in 1147. Cities: Podolsk, Mytishchi, Lyubertsy, Kolomna, Balashikha, Elektrostal, Korolvov, Khimki, Odintsovo, Serpukhov, Orekhovo-Zuevo, Noginsk, Sergiev Posad, Shchelkovo, Zheleznodorozhny, Zhukovsky.

The region includes 74 cities, of which 54 are of regional subordination, and 17 with a population of over 100,000 people.

By the volume of industrial production, the Moscow region holds the second place among Russian regions after Moscow. The industry of the region primarily uses imported raw materials and is based on the powerful scientific and technical base and highly-gualified labor resources; it is closely linked with the industry of Moscow. Machine construction and metal-working are developed. Equipment is manufactured for heating and nuclear energy plants, space and rocket technology, development of solid rocket fuel is carried out, propulsion systems for aircraft are manufactured etc. (cities of Korolvov, Khimi, Reutov, Dzerzhinsky), as well as mainline locomotives (Kolomna), metro wagons (Mytishchi), electric trains (Demikhov), automobiles (Serpukhov), buses (Likino-Dulyovo, Golitsyno and Yakhroma), agricultural machines, excavators and cranes (cities of Lyubertsy, Dmitrov and Balashikha), high-guality steel (Elektrostal); equipment for light industry (cities of Kolomna, Klimovsk, Podolsk); cables (Podolsk); optic devices (Krasnogorsk, Lytkarino).

The chemical industry mainly works on imported raw materials. Acids are manufactured (Shchelkovo), mineral fertilizers (Voskresensk), synthetic fiber (Serpukhov and Klin), plastic items (Orekhovo-Zuevo), varnishes and paints (Sergiev Posad, Odintsovsk), pharmaceutical items (Starya Kupavna) etc. The building materials industry is developed. There are cement factories in Voskresensky and Kolomna, earthenware and porcelain factories in Likino-Dulvovo and Verbilkhi, a factory of dry building mixture in Krasnogorsk and numerous ceramics manufacturing facilities. The wood-processing industry is developed (in Bronnitsy, Shatura etc.). Phosphates, peat, clay, sands, break stone and gravel are produced.

In the past, the leading industry was light industry (which accounted for over 35% of the total industrial production of the region). In many cities, food industry plants operate to provide for the needs of the population of the entire region. Foreign investment projects are realized on the territory of the Moscow region (one of the largest is the South Korean LG company's factory

for assembly of home appliances, located near the village of Dorokhovo and which has been functioning since 2006). Craft industries are developed (Gzhel ceramics, Zhostovo painting, Fedoskino miniatures, the toy industry).

Electricity is processed by the Kashirsky GRES (1910 MWt), Dzerzhinsky TPP № 22 (1300 MWt), TPP-27 (1100 MWt), Shatursky GRES (1100 MWt), the peak Zagorsky GAES (1200 MWT) and the Elektrogorsk GRES (623 MWt), and also several smaller electricity stations. The main energy project of the region is the construction of the Zagorsk GAES-2 with a capacity of 840 MWt, which is scheduled to be finally put into operation in 2014. The electricity deficit of the region is covered by the following electric mains: "Moscow - St. Petersburg", "Moscow -Kostromsky GRES", "Moscow - Zhiqulevsky GES" and "Moscow – Volzhsky GES"; an electricity ring and a wide network of internal lines.

The Moscow region has a very extensive transport network, including motor roads and railroads, water routes on large rivers, lakes and reservoirs. The structure of land routes is a number of highways that branch out from Moscow in all directions, and are connected by rings. On the territory of the region, there are two motor road rings and the Great ring of the Moscow railroad. The length of motor roads with a hard surface is around 14,000 km. The 10 radial roads are connected by the Moscow ring motor road, and also two other rings (A107 and A108). On the basis of these two rings, it is planned to build the Central ring motor road. However, despite its scale, the transport network of the region is not developed sufficiently, and does not meet modern requirements. Neither the railroads nor the motor roads, which were mainly built many yeas ago, can cope with the constantly increasing flows of transport. The motor roads are



radial railways branch off from Moscow. The length of railroads of general use is around 2,700 km; the density of railroads is the highest in Russia). Railroads are mainly electric. The Great railroad ring is almost entirely situated on the territory of the Moscow region, and connects all radial railroads. The largest railway vards of the region - Orekhovo and Bekasovo - are located on the Great ring. Regular shipping is carried out on the Volga, Oka and Moscow rivers, and also on the Moscow canal. The largest river ports are Serpukhov and Kolomna.

The Moscow region has two major passenger airports of international status - Sheremetevo (with two terminals) and Domodedovo. The joint airport Osatefievo functions, and the Bykovo airport is currently being used for cargo operations.

Pipeline transport is well-developed; there are two ring gas distribution pipelines on the territory of the region and numerous gas-main pipelines on the territory of the Oblast, which connect Moscow with the major gas-producing regions of the country. There are two oil pipelines, "Ryazan - Moscow" and "Yaroslavl - Moscow". There is a ring oil-products pipeline with 11 filling stations, and the oil-products pipeline "Ryazan oil refinery – Moscow".

not wide enough, and frequent repairs are the cause of numerous traffic jams. In recent years, around half of the motor roads of the region have been overloaded, while three guarters of them do not meet normative requirements for transport performance indicators.

The territory of the Oblast has the Moscow railway hub, the largest in Russia and the former USSR (11





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The territory of the Moscow region is located in a forest zone, and only the southern half of the Serebryano-Prudsky region is in a forest-steppe zone, on podzolized soil and leached black earth.

The forest site is determined by climactic and geomorphological conditions. In the north, within the Upper Volga plain, birch and aspen and spruce forests predominate. In the western part, on the territory of the Smolensk-Moscow Contraction of the second highland, the predominant wood species are spruce, with pine and larch. The most characteristic forests for the Moscow area are birch-aspin-spruce, spruce, and pine-spruce. In the Meshchera lowland, fir forests with a mixture of spruce and broad-leaved species are widespread. Within the boundaries of the Moskvoretsko-Oksky plain, small groups of birchaspen, aspen-birch and broad-leaved forests are encountered. In the south of the region on the Zaoksky plateau, small groups of birch and oak aia

forests remain.

The total area of the forest reserves of the region is around 1.9 million hectares. Forest cover of the territory is around 42%. There is a severe deficit of mature trees with a predominance of coniferous trees (0.5%), a lack of maturing trees (3.7%), and a significant accumulation of mature and overmature aspens. Large forestlands have only been preserved in the western and eastern regions of the Moscow region. The average age of trees in the region is around 70 years. All the forests in the region are in the 1st group of forests, which regulate the ecological state of the environment, and carry out protective, water protection, sanitary and hygienic and healthimproving functions, and are the location where residents of the city of Moscow and the Moscow region take their holidays. "Forests of the first group include forests that have the main function of carrying out water protection, protective, sanitary and hygienic, health-improving and other functions, and also forests of specially

protected natural territories" (article 55 of the Russian Forestry Code). Forests are an integral part of the nature of the Moscow region, but recently serious damage has been done to them. Unlawful transfer of lands

from the forest reserves of the region, which are federal property, to other categories of lands is taking place. The main problem of forests in the region is that they are being felled to build country houses. It is no coincidence that the main human factors in the Moscow region that affect the state of the forests are: construction, recreation, impact pollution by harmful emissions, excessive moistening and swamping of lands. As a result of expropriation for construction needs, forest lands inevitably shrink. As part of forest territories are occupied with structures and communications, the possibilities for holidays for the population drop, which in its turn increases the burden on the ecosystem of other sections of the forest. Another problem is the development of river banks and flood plains.

This does irreparable damage to nature: the hydrological regime of rivers is disrupted, they become shallow and polluted, habits of animals and plants are destroyed, many of which are now on the verge of extinction.

In recent years the impact of motor vehicles on the state of forests has been noticeably increasing. Along practically all the central vehicle roads of the region, in areas next to forests, degeneration and partial drying up of up to 5-15% of both deciduous and coniferous species can be observed. The level of dechromation and defoliation of birch and fir is extremely high.

In this situation, forestry enterprises of the Moscow region face serious problems with the supply of raw materials. Despite a certain increase in the total area of lands of the forest reserve and the solid increase of the total supply of timber (see table 1), the requirement of the region for timber from local resources is not completely satisfied.

In recent years in the Moscow region, new enterprises have been opening constantly, which is connected with the move of production facilities from the capital to the region, and the development of the region itself. The positioning of new facilities is carried out taking into account the geographic location of probable consumers and resources of raw materials. For example, a considerable amount of furniture production (over 40%) is concentrated

Table 1. Changes of area of the forest reserves a Moscow region for 2003-2008 (area - thousand h

noscow region for 2005-2000 (area – mous	noscow region for 2003-2000 (area – mousana nectares, supplies							
Rates	As of 01.01.2003	As of 01.01.2008	Difference from accounting of the previous year					
Total area of the forest reserves, hectares	1736,8	1817,9	81,1					
Covered by sylva	1575,4	1642,4	67,0					
Including with a predominance:								
Coniferous trees	749,3	779,1	29,8					
from them pine tree	335,9	352,3	16,4					
spruce, silver fir	411,2	424,2	13,0					
coniferous young growth up to 20 years	86,9	99,2	12,3					
Hard-deciduous trees	26,9	31,0	4,1					
from them oak long-bold	14,5	14,7	0,2					
oak low-stemmed	11,7	15,6	3,9					
deciduous young growth up to 20 years	0,3	0,3	0,0					
Soft-deciduous trees	799,2	832,3	33,1					
from them young growth up to 20 years	33,0	37,6	4,6					
Total forest density, million m ³	350,91	365,49	14,58					
including mature and overmature forests	96,71	104,55	7,84					
From general supply stands with a predominance:								
Coniferous trees	180,58	187,07	6,49					
from them mature and overmature forests	28,78	29,57	0,79					
Hard-deciduous trees	5,50	6,35	0,85					
Soft-deciduous trees	164,83	172,07	7,24					
Total average increase, million m ³	6,08	6,29	0,21					
Sylvulas, converted to sylva, thousand hectares	259,2	283,8	24,6					
Not-jointed sylvulas, thousand hectares	23,7	34,6	10,9					
Reafforestation fond, thousand hectares	23,6	22,8	- 0,8					

*According to governmental accounting of forest fund on the 1st of January 2008 (with changes as of 19.08.2008)

in the Central Federal District, while the main forest resources lie to the north of Moscow. New factories are situated quite close to each other - to the north of Moscow in a radius of up to 300 km, which has created tension with raw material resources.

The situation in the Moscow region is especially difficult, where the existing factories in Shatura, Khimki, Elektrogorsk and Sergiev Posad were joined by the Kronoshplan factory in Yegorevsk, for which almost 2 million m³ of timber per year is required for full load.

After the Elektogorsk factory was put into operation, the capacity of which is 250,000 m³ per year, the total consumption of Moscow woodprocessing plants came to at least 3 million m³. A considerable amount of demand for raw timber for plants in the Moscow region is covered by deliveries from Karelia, the Komi Republic, the Vologda region and other regions.

SOME FORESTRY ENTERPRISES

The Shatura furniture company has been in existence since July 1961, when the first batch of wardrobes was manufactured at one of the

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factory's shops. Passing through the era of its establishment and development during the years of the planned economy, and the stage of major transformations on the path of transition to the market economy in the mid-1990s, at the end of the 20th century, Shatura became the largest enterprise of the national furniture industry, and the leader of the Russian furniture market. Today the company manufactures domestic furniture designed for customers with an average level of income, and also for small and medium business. By constantly updating and improving their assortment, Shatura offers customers furniture for living rooms, bedrooms, entrance halls, children's rooms and bathrooms, kitchens, and office furniture for managers and employees. Many of the furniture collections produced by Shatura are unique, and have no equivalent in the price/quality ratio. High production quality is ensured by the use of only high-quality and ecological laminated boards of class E1 of the company's own manufacture, and the use of high-class equipment that measures up to the highest world standards. Shatura furniture is manufactured only by highly-qualified employees who undergo special professional training; all the stages of furniture creation are





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VOLGA FEDERAL DISTRICT

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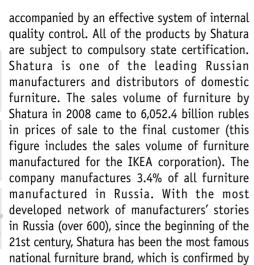
Nizhny Novgorod Region

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Ulyanovsk Region



national furniture brand, which is confirmed by the fact that it has won the "Brand of the Year" competition several times. In 2008, the Shatura brand, which is owned by the Shatura furniture company, was listed among the 50 top-selling Russian brands according to Forbes magazine, one of the world's leading business publications.

The company's production, which is designed for customers of the middle class, is distinguished by up-to-date design, high consumer qualities, and an optimum price and quality ratio. For several years in a row, the company has been recognized as the best in the annual all-Russian competitions "100 best goods of Russia" and "Best Russian company". The main assets of the company are human resources and non-material assets: trademark, business relations, business reputation and necessary staff resources, including international independent members of the board of directors.

By constantly developing and improving its businesses, the company is an organized structure based on a system of economically independent and geographically separate divisions (business units) within the boundaries of a single legal person, interacting between each other according to rules of the domestic market, which are as close as possible to the rules of the foreign market.

Elektrogorskmebel corporation is one of the largest companies of the furniture industry in Russia, and has been working successfully on the market for around 50 years. The main field of activity of Elektrogorskmebel Corporation is manufacture of a wide assortment of cabinet and kitchen furniture. This includes a large selection of models of diverse size and function, with cupboards, furniture for

the kitchen, hallway, bedroom, living room,

children's furniture, computer and writing desks. And the most demanding customers can order a kitchen according to an individual project. The high quality of production manufactured, the wide assortment, model programs, modern design, diverse color selection, use of modern technologies, compliance with ecological safety requirements and affordable price - these differences make furniture from Elektrogorskmebel corporation attractive for the Russian and foreign customers. The corporation has won several prizes at Russian and international exhibitions, received an award at the competition "1000 best companies and organizations of Russia-2005", and holds the status of "Leader of the Russian economy". The Elektrogorskmebel corporation trademark is well-known in 70 regions of Russia and countries of the near abroad. Since it was founded, the company has continued to develop, modernizing its production processes and updating its equipment.

> Today, the corporation is a diversified enterprise for comprehensive processing of timber with a wide range of advanced technologies, and equipped with high-capacity equipment. It includes a furniture factory and lamination and chipboard shops. All of the products manufactured at the enterprise are made of the company's own chipboard, the quality of which meets the high requirements of Russian standards of ecological safety (formaldehyde emission class E-1). Elektrogorskmebel Corporation has a wide retail network in Moscow and the Moscow region. It has a system of regional storage facilities, on the basis of which reliable sales channels function in 70 Russian regions and CIS countries. The corporation offers a flexible system of discounts to wholesale customers, special cooperation conditions to regional sales representatives, and an individual approach to the retail purchaser.

> Russky Laminat is a leading manufacturer of board materials in Russia. The company offers a wide assortment of laminated chipboard: over 120 decorations, in two formats, three staps, with a thickness of 10 to 38 mm. Chipboard with the name "Russky Laminat" is manufactured at two production facilities: the Experimental chipboard factory (Sergiev Posad, Moscow region), and the Igorevsky wood-processing combine (Smolensk region).

> In 2007, a project was launched for the creation of the largest factory in Russia for MDF board

production at the industrial facility of the Igorevsky wood-processing combine. After it starts operation, it will be able to manufacture 400,000 m of boards per year, which will be used in the furniture industry, and also in the production of construction and finishing materials (for example for laminated flooring).

The experimental chipboard factory (Leskhov village in the Sergiev Posad region) is a modern, dynamically developing plant of high-quality laminated chipboard. The main goal of activity of the factory is providing a stable supply to furniture manufacturers of high-guality, ecologically safe and practical board materials.

The company has been on the market of board materials since autumn 1993. This was when equipment from the German firm Bison was successfully put into operation at the factory, and the first three-layer chipboard was manufactured.

Today, the annual volume of production of the Experimental chipboard factory is 10 million m of laminated chipboard, which meets the most

INVESTMENT CLIMATE OF THE MOSCOW REGION

According to data from the Expert RA ratings agency, the Moscow region has the status of 1B (confirmed in December 2008) on the scale of investment ratings of regions, which means high potential and moderate risk. According to the results of the 14th ratings of investment attractiveness of Russian regions published by the same agency in 2009, the Moscow region lost its place among the leading regions for this indicator.

The Moscow region has lost its leading position among Russian regions for level of investment attractiveness. Undoubtedly, the economic crisis had a negative impact on its investment potential. For 2009, the index of industrial production compared with 2008 fell to 84.8%. "Compared with 2008, investments in primary capital in comparable prices dropped by 37.0%. The drop of investments in the 1st quarter of 2009 was 7.6% compared to the level of the previous guarter, in the 2nd and 3rd quarter the drop continued, and in the 4th guarter it reached 25.5%.

"In 2009, 327.0 billion rubles of investments in primary capital were made in the economy of the Moscow region," says the minister for the

demanding requirements of Russian furniture companies. This is over 10% of the total volume of this sort of production for all of Russia.

The group of companies of which the basis is the Experimental chipboard factory includes the company SP Furniture, a manufacturer of furniture for offices and hotels. The main principle of the company is based on longterm mutually profitable relations with clients. The quarantee of constantly high quality of laminated boards and stable work of the Experimental chipboard factory is experienced personnel, significant manufacturing potential, use of modern European technologies and their strict observance, care for equipment, and the conscientious work of the entire staff as a single team. The smooth production process and strict quality control allow for a constant increase of the assortment of laminated chipboard, and the availability of accompanying goods (edges, fittings, treated fiberboard) and stability of deliveries saves customers time. After all, Russky Laminat is not just a manufacturer, but a reliable partner in a successful business.

economy of the Moscow region administration Vyacheslav Krymov.

But quite recently in 2008, the Moscow region was among the regions with a high investment potential and a moderate investment risk, and held second place among the regions of the Central federal district for the state of its investment climate after Moscow. If one compares the region's potential with other territories, there are only seven regions of Russia that have components for potential that are comparable with the highest "quaternary" sector of the economy - institutional and innovative potential. Among them, the Moscow region is the undoubted leader.



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Ulyanovsk Region



unconditionally gave priority to the level of risk of investments. Now they are once more becoming increasingly interested in potential as well as risks: whether the region is prepared for large-scale projects, and to what extent a normative legislative base has been formed.

In recent years, hundreds of companies and organizations of the region, small and mediumsized commercial structures, have appeared on the foreign market. In export, the largest share is made up of companies of the chemical and oil and gas industry, machine construction and metal-working, ferrous metallurgy and the food industry. Over 1,300 large and medium industrial enterprises operate on the territory of the Moscow region, and 7,300 small business enterprises and organizations.

In 2007, industrial production in the Moscow region developed seven times more swiftly than the average for Russia. There were fast growth rates of investment in such industries as the fuel industry (115% compared with figures for 2006), production of building materials (176%), the food industry (120%), light industry (112%), communications (133%), science and scientific services (190.2%) and education (122.5%). As for forestry, woodprocessing and the pulp and paper industry, here figures grew by three times. But, we repeat, these are all indicators from the recent past...

Undoubtedly, the authorities of the Moscow region are taking measures to improve the situation which the region has found itself in because of the economic crisis, and are not losing optimism. Assessing the region's prospects for 2010, the minister for industry and science of the Moscow administration Vladimir Kozyrev announced at a briefing session of the scientific and industrial complex of the Moscow Oblast in February 2010: "As the second half of 2009

was characterized by a gradual stabilization of the economic situation, for 2010 the forecast growth of the index of industrial production is to 102.9%, in 2011 to 103.8%, and in 2012 105.6%. In processing industries, we can see an increase of production of machines and equipment, and transport."

The regional authorities also have high hopes from investors. They have always tried to create a favorable investment climate here, which in many ways is helped by the policy followed by the authorities.

The legislative base may serve as confirmation of this. Investment activity in the Moscow region is regulated by the law of 28.07.1997 № 39/97-0Z "On privileged taxation in the Moscow region", and also the law of 31.12.1998 № 65/98-0Z "On guarantees of carrying out investment activity in the Moscow region".

According to this law, an investor receives state guarantees such as legal protection of investment activity, compensation in the case of nationalization and requisition of investments, and also guarantees of the government of the Moscow region to compensate the creditor with part of the funds they provide to finance the investment project.

Besides these main laws, laws have also gone into effect that are directed focused on the Moscow region: "On the budget of the Moscow region for 2010", "On measures to realize the law of the Moscow region 'On the regional target program 'Housing' for 2006-2010'", and a comprehensive program has been developed and put into practice for the socio-economic development of the Moscow region, as well as a program directed at the protection and preservation of the ecology of the Moscow area, and others which can be found on the Internet.

Furthermore, the Moscow region administration has passed a number of decrees in the investment activity sphere: on the list of objects of capital construction financed from funds from the Moscow region for state capital investments in 2008; on changes to the decree of the Moscow region administration "On the procedure for reviewing investment projects realized or proposed for realization on the territory of the Moscow region"; on changes to the list of objects of road facilities, and reconstruction, construction and modernization that is financed by funds from the territorial road fund of the region.

With this approach, the authorities of the region try to create conditions which would prevent force-majeure circumstances arising. Guarantees in the case of changes to the legislation of the Moscow region mean that in cases that normative legal documents of the region are passed which worsen conditions of investment stipulated in a previously signed agreement, their regulations do not reply over the course of seven years to the pay-back period of investments, unless otherwise specified in the agreement. Naturally, an exception to this rule is a change in federal legislation.

In 2010, with the aim of solving tasks to stimulate investments for the creation of real-estate objects, objects of the transport, social and engineering infrastructure, realization continued of the investment program of the Moscow region administration to create industrial districts on the territory of the region in the period up until 2010. Volume of investments in industrial districts of the Moscow area will come to 340 billion rubles.

The program is on a large scale. It is focused on the organization of large production facilities with a highly developed industrial infrastructure. Foreign investors have reacted to this idea with great interest. But the creation of industrial districts also has another goal - a transition from the investment process to the management process. And this, in its turn, will change the economy of the region, moving it to an innovative path of development, to the path of swift

ADMINISTRATION OF THE MOSCOW REGION

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In total, 70 sites are planned under the program for the creation of industrial districts on the territory of 31 municipal units of the Moscow region. Already, the administrations of municipal units are successfully attracting investors to their industrial development territories (industrial parks and technology parks). The Moscow region administration has approved a project to build an industrial park in the village of Peresvet in the Sergiev Posad region. The park will be built on a territory of 180 hectares. Here a factory will be built to process timber and manufacture furniture. In the new park, it is planned to create a target cluster for the manufacture of chipboard, fiberboard and OSB, facilities for manufacturing furniture, wooden houses, fittings, and perhaps other mixed manufacture. The total volume of investments will come to 16.1 billion rubles. State subsidies for construction of the park have not been allocated. The company Russky Laminat, which won the building tender, is currently holding talks on privatization of over 200 hectares of land which has been allotted for the needs of this park.

Ministry of Industry and Science Minister Vladimir Ivanovich Kozyrev

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modernization of facilities, and introduction of high-tech scientific developments.

If we are to discuss predictions of development of the investment climate of the Moscow region, according to experts a high percentage of industries of the material production sphere will remain in the structure of investments.

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Ministry of Construction Complex







Bryansk Region

Kaluga Region

Kostroma Region



Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

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Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

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ENTERPRISES

OF THE MOSCOW REGION

Name	Activity	Address	Contacts
A.V.A., 000	Wood-sawing: saw timber and molded strips	140153, Moskovskaya Obl., Ramensky Rayon, Der. Vereya, Ostrovetskoye Shosse, Stroenie 16	Tel. +7 (495) 778-80-30, Fax +7 (496) 462-42-84, www.les4you.ru
Ardis, 000	Woodworking: glue beam production. Wooden house construction	142800, Stupino, Ul. Zhdanova, 11	Tel./fax +7 (495) 981-81-62, opardis@mail.ru, www.ardiss.ru
Baykal-Les, 000	Wood-sawing: saw timber and moulded strips. Woodworking	141700, Moskovskaya Obl., Dolgoprudny, Pr. Patsaeva, 7/6, Pomeschenie 2	Tel. +7 (495) 744-28-61, Fax +7 (495) 576-62-58, baykalles@rambler.ru, www.baykalles.ru
Balashikhinsky Woodworking Plant, OAO	Woodworking: windows, doors and stairs production	143900, Moskovskaya Obl., Balashikha, Ul. Sovetskaya, 35	Tel.: +7 (495) 529-22-52, 521-88-80, www.balwald.ru
Balt-Stil, 000	Furniture production	140108, Moskovskaya Obl., Ramenskoye, Ul. Karla Marxa, 5	Tel.: +7 (495) 411-96-14, 223-69-73, info@balt-stil.ru, www.balt-stil.ru
Bumans, 000	Wood-sawing: saw timber	141400, Moskovskaya Obl., Khimki, 74 km MKAD, Vladenie 3	Tel. +7 (495) 601-95-95, Fax +7 (495) 601-95-94, info@dlhgroup.ru, www.bohmans.ru
Verbus, 000	Pulp-and-paper: receipt ribbon production	141036, Moskovskaya Obl., Mytischinsky Rayon, Pos. Zhostovo, Zhostovskaya Fabrika, office 203	Tel. +7 (495) 662-79-17, info@verbus.ru, www.verbus.ru
Vereysky Timber Complex, 000	Wood-sawing: saw timber	143330, Moskovskaya Obl., Naro-Fominsky Rayon, Vereya, Kaluzhskaya Ul., 48A	Tel. +7 (49634) 67-025, mail@goodles.ru, www.goodles.ru
VIS-M, 000	Woodworking: interior doors production	143912, Moskovskaya Obl., Balashikhinsky Rayon, Gorbovo, 144	Tel.: +7 (495) 502-69-02, 585-63-77, dver@mail.ru, www.dvervis.ru
Green-Line, 000	Wood-sawing: saw timber	142711, Moskovskaya Obl., Leninsky Rayon, Kashirkoye Shosse	Tel.: +7 (495) 988-94-57, 789-06-96, greenline-s@yandex.ru, www.greenline-s.ru
Good Wood, OOO	Wooden house construction: based on glue beam	Moskovskaya Obl., Zelenograd, Der. Elino, 18 km from MKAD along Leningradskoye Shosse	Tel. +7 (495) 229 - 47-77, mail@gwd.ru, www.gwd.ru
Dana Furniture Plant, 000	Furniture production	143430, Moskovskaya Obl., Krasnogorsky Rayon, P. Nakhabino, Ul. Volodarskogo 1-A	Tel. +7 (495) 566-49-88/89, Fax +7 (495) 566-49-87, info@dana.ru, www.dana.ru
Dereva, 000	Woodworking: profiled beam production. Wooden house construction	141170, Moskovskaya Obl., Schelcovsky Rayon, pgt. Monino, Ul. Vishniovaya, 31	Tel.: +7 (495) 747-39-71, 526-30-03, 526-30-17, info@dereva.ru, www.dereva.ru
NIKO Woodworking Plant, 000	Woodworking: larch landscape units, window beam and furniture shield production	142152, Moskovskaya Obl., Podolsky Rayon, Der. Yakovlevo	Tel. +7 (495) 971-84-33, www.dozniko.ru
Dmitrovsky Woodworking Plant, ZAO	Woodworking	141800, Moskovskaya Obl., Dmitrov, Professionalnaya Ul. 151	Tel. +7 (495) 993-91-42
Marfino Woodworking Complex, ZAO	Woodworking: veneer production. Interior doors production	141052, Moskovskaya Obl., Mytischinsky Rayon, Der. Lyskovo, Vladeniye 100, Stroenie 1	Tel. +7 (495) 993-71-62, wood-shpon@yandex.ru, www.wood-shpon.ru
Debrava, ZAO	Woodworking: parquet production	140005, Moskovskaya Obl., Lyubertsi, Ul. Kirova, 20-A (Territory of DOK-13, Administrative building, 1 floor)	Tel.: +7 (495) 503-02-22, (903) 66-00-999, parketart@yandex.ru, www.parketart.ru
Euronewform, 000	Furniture production	142103, Moskovskaya Obl., Podolsk, Ul. Bronnitskaya, 12	Tel.: +7 (495) 728-35-15, 502-79-52, Fax +7 (495) 502-79-59, mail@euronewform.ru, www.euronewform.ru
InterierKomplekt Trade-Production Company, 000	Furniture production	143969, Moskovskaya Obl., Reutov, Pr. Yubileiny, 30/2	Tel. +7 (495) 777-64-99, cmebel@cmebel.ru, www.interyercomplect.ru

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000 NARKHOZSTROJ





000 PALLADIJ GROUP







RUSSIAN REGIONS: CENTRAL FEDERAL DISTRICT

CENTRAL		Name Narkhozstroj (Sole	Activity Wooden house construction.	Address 143393, Moskovskaya Obl.,	Contacts Tel. +7 (495) 978-96-58,
FEDERAL DISTRIC	т	Trader Turkin	Woodworking: beam and logs	Naro-Fominsky Rayon, Der.	Fax +7 (495) 346-75-47,
	1 B) 1	Alexander Ivnovich)	noounonning. Deann and togs	Simbukhovo	dom@narhozstroy.ru,
Bryansk	(Arian A)	,			www.narhozstroy.ru
		Karavaevo, OAO	Pulp-and-paper: roll paper,	142438, Moskovskaya Obl.,	Tel.: +7 (495) 993-27-98, 993-27-43,
Region			corrugated board, corrugated	Noginsky Rayon, P/O Bolshoie	
4		Elektrogorskmebel	package Furniture production	Bunkovo, Pos. Karavaevo 142530, Moskovskaya Obl.,	www.karavaevo.ru Tel.: +7 (49643) 3-30-25, 3-02-71,
	ma Mara	Corporation	runnture production	Elektorgorsk, Ul. Sovetskaya	
Kaluga		Production Company			www.egm.ru
Region		Kronospan, 000	Woodworking: product based	140341, Moskovskaya Obl.,	Tel. +7 (495) 970-01-07,
			on wood-boards	Egorievsky Rayon, Pos. Novy, Vladenie 100	Fax +7 (495) 788-86-83,
	0			Viduenne 100	sales@kronospan.ru, www.kronospan.ru
Kostroma	no the an	LesKomplekt XXI,	Wood-sawing: saw timber.	140080, Moskovskaya	Tel.: +7 (495) 552-48-36, 555-15-77,
9		000	Wooden house construction	Obl., Litkarino, Prom Zona	nik_ch@bk.ru,
Region		L	Weed and the second beauti	Turaevo, 95, Vladenie 6	www.leskomp.ru
	And a state of the	Lesnoy Mir, 000	Woodworking: parquet board, lining, block-house, beam	141734, Moskovskaya Obl., Lobnya, Ul. Leitenanta	Tel. +7 (495) 508-92-15, info@lesmir.ru,
	de		imitation	Boiko, 95A	www.lesmir.ru
Moscow	Same	Lenoy Prichal-2, 000	Wood-sawing: saw timber	142840, Moskovskaya	Tel. +7 (496) 646-62-40,
Region	1 Sent			Obl., Stupinsky Rayon, Po.	lespr2@yandex.ru,
hegion		Kedr Logging	Lumbering	Mikhnevo 141303, Moskovskaya Obl.,	www.prichal-2.ru Tel. +7 (49654) 9-24-11,
	000000	Company, 000	Lumbering	Sergievo-Posadsky Rayon,	lk.kedr@rambler.ru
1.75 F0 0				Pos. Leskhoz, 24A	
Vladimir		Lestekhinvest, 000	Woodworking: saw timber		Tel. +7 (495) 585-72-20,
Region			sale	Obl., Koroliov, Ul.	Fax +7 (495) 518-52-37, lestechinvest@newmail.ru, www.lti.su
		Lider, ZAO	Furniture production	Kaliningradskaya, 12 141100, Moskovskaya Obl.,	Tel. +7 (495) 777-41-21,
		Lidel, ZAU			info@lider-mebel.ru,
Yaroslavl	00007				www.lider-mebel.ru
Region	X	Likarion, 000	Furniture production:	142105, Podolsk, Ul.	Tel. +7 (495) 502-59-80,
Region			kitchens	Bolshaya Serpukhovskaya, 43	Fax +7(495) 580-27-04, sk_likarion@mail.ru, www.likarion.ru
1/01.04		Mas-siV, 000	Wooden house construction:	140318, Moskovskaya Obl.,	Tel.: +7 (495) 778 - 23 - 93,
VOLGA			based on glue-beam. Wood-	Egorievsky Rayon, Der.	744-76-48,
FEDERAL DISTRI	СТ		sawing: saw timber		info@mas-siv.ru, www.mas-siv.ru
	· in the second	MasterStroy, 000	Wood-sawing: saw timber	141051, Moskovskaya Obl., Mytischinsky Rayon, Der.	Tel. +7 (495) 773-26-53, Fax +7(495) 651-89-18,
Kirov				Novoseltsevo	master-st@mail.ru,
Region					www.mast-stroy.ru
Region	Y C	MDVM, 000	Furniture production	141013, Moskovskaya Obl.,	Tel. +7 (495) 745-19-52,
	×			Mytischi, Ul. Silikatnaya, 36	Fax +7(495) 582-51-42, mebel@ mdvm.ru, www.mdvm.ru
Nizhny	an an	Alina Furniture	Furniture production	141033, Moskovskaya	Tel. +7 (495) 995-69-31,
Novgorod	120	Plant, SoleTrader		Obl., Der. Pirogovo, Ul.	alinamebel@alinamebel.ru,
Region	200		F 1. 1.1	Sovkhoznaya, 2A	www.alinamebel.ru
1091011 1	and the second second	Mikhnevskaya Furniture Plant, 000	Furniture production	142840, Moskovskaya Obl., Pos. Mikhnevo, Ul.	Tel.: +7 (496-64) 7-46-88, 6-64-56, (495) 642-42-48,
				Moskovskaya, Vladenie 24A/2	
Perm	299.9/			<i>j.,</i>	www.mihmebel.ru
Krai		Shatura Furniture	Furniture production	140700, Moskovskaya Obl.,	Tel. +7 (495)787-57-27,
Mai	And	Company, OAO		Shatura, Botinsky Proyezd, 37	shatura@shatura.com, www.shatura.com
		Moder Russian-	Furniture production	141190, Moskovskava Obl.,	Tel. +7 (495) 221-88-45,
Depublic	6	Italian Office		Fryazino, Zavodskoy Proyezd,	moder@fabrika-moder.ru,
Republic of		Furniture Plant, 000	w ı	3	www.fabrika-moder.ru
Bashkortostan	La L	Mozhaysky Wood- Sawing Woodworking	Wood-sawing, woodworking	143200, Moskovskaya Obl., Mozhaysk, Ul. Vokzalnaya, 26	Tel.: +7 (495) 747-94-44, (49638) 20-176 27-773
	Constant of the second s	Complex, 000		Hozhaysk, ol. Vokzalilayd, 20	les-invest@mail.ru, www.les-in.ru
	Contraction of the second	Mosobllesprom, OAO	Lumbering and round wood	141540, Moskovskaya Obl.,	Tel. +7 (496) 26-72-427,
Republic			gross sale	Solnechnogorsky Rayon,	Fax +7(496) 26-72-196,
of Tatarstan				Pos. Povarovo, Mikrorayon Leskhoz, 43, office 2	mosoblles@mail.ru, www.mosobllesprom.ru
UI Idtaistall		Mytischinsky	Furniture production. Wood-	141033, Moskovskaya Obl.,	Tel.: +7 (495) 588-41-33, 588-41-66,
		Woodworking Plant,	sawing: saw timber	Mytischinsky Rayon. Pos.	www.mdoz.ru
Illueneur 4	1/100	0A0		Pirogovo, 2	
Ulyanovsk 🧳		Novotop, 000	Bioenergy: pellets production		Tel. +7 (495) 784-71-33,
Region 🔏	Trans .	Noviye Tekhnologii	Woodworking. Wood-sawing:	142700, Moskovskaya Obl.,	novotop@rambler.ru, www.novotop.ru Tel.: +7 (495) 627-10-17, 221-24-90,
Si Si		2000, 000	saw timber production		info@zabor.ru, www.zabor.ru

Name Pallady Group, 000	Activity Wooden house construction.	Address 142277, Moskovskaya Obl.,	Contacts Tel.: +7 (4967) 39-11-67, 39-11-68,
radady Group, 000	Wooden house construction. Wood-sawing: saw timber and products based on wood and board	Serpukhovsky Rayon, S. Petrovskoy	www.palladium-group.ru
PK Start 99, 000	Woodworking: boards production	142171, Moskovskaya Obl., Scherbinka, Simferopolskoje Shosse, 14A, Stroeniye 3	Tel.: +7 (495) 542-20-88, (496-7) 67-20-70, info@start99.org, www.start99.org
Profit Management, 000	Woodworking: stairs production	144001, Moskovskaya Obl., Elektrostal, Ul. Gorkogo, 32	Tel. +7 (495) 220-62-23, Fax +7 (495) 362-27-02, profit2000@mail.ru, www.evrolest.r
PF Europan, 000	Wood-sawing: molded strips production. Woodworking: interior doors production	142784, Moskovskaya Obl., Leninsky Rayon, Gorodskoje Poselenije Moskovsky, Der. Rumyantsevo, Stroenije 2, Etazh 3, Blok B, kom. 311	Tel. +7 (499) 940-12-80, europan@europan.ru, www.europan.ru
Ruzskaya Furniture Plant, ZAO	Furniture production	143100, Moskovskaya Obl., Ruza, Per. Internazionalny, 5	Tel. +7 (49627) 2-47-19, Fax +7 (49627) 2-49-92, mebel@ruza.ru, www.ruzamebel.ru
Russky Laminat Chipboard Plant	Woodworking: board production, laminate. Furniture production	141303, Moskovskaya Obl., Sergiyev Posad, Pos. Leskhoz	Tel. +7 (495) 729-41-49,
Russky Standart, 000	Furniture production	141100, Schelcovo, Ul. Moskovskaya, 70A	Tel. +7 (495) 644-00-50, info@std.ru, www.std.ru
Sveza-Les, 000	Woodworking: plywood and wood-based panels production	143441, Moskovskaya Obl., Krasnogorsky Rayon, Pos. Putilkovo, Stroenije 17	Tel. +7 (495) 783-00-35, Fax + (495) 783-00-34, info@sveza.com, www.sveza.ru
Serebriany Les TD, 000	Woodworking: wooden molded board, floor board, block- house, beam imitation. Export	141400, Moskovskaya Obl., Khimki, Ul. Zavodskaya, 2A	Tel. +7 (495) 518-92-02, velskvag@rambler.ru, www.velskvag.ru
SibirLes, 000	Wooden house construction. Wood-sawing: saw timber	141011, Moskovskaya Obl., Mytischi, Ul. Kommunis- ticheskaya, 10/1, office 418	Tel. +7 (495) 509-32-46, 76-76-835, market@sibirles.ru, www.sibirles.ru
SnabDrev, 000	Woodworking, saw timber sale		Tel. +7 (495) 573-85-10, 573-96-72, snabdrev@lesomaterial.ru, www.lesomaterial.ru
Stolplit, 000	Furniture production	141420, Moskovskaya Obl., Mikrorayon Skhodnya, Khimki Okrug, Pos. Uskovo, Vladeniye 1023	Tel. +7 (495) 574-00-00, 574-96-61, info@stolplit.ru, www.stolplit.ru
StroiSelkhoz- Komplekt, 000	Wooden house construction. Wood-sawing: molded strips	141138, Moskovskaya Obl., Schelcovsky Rayon, Ogudnevsky S/O, Vore- Bogorodskoje, Stroeniye 200	Tel. +7 (985) 923-29-89, (916) 344-87-50, (965) 101-23-01, info@bruskley.ru, www.bruskley.ru
TKF Plus, 000	Wood-sawing: saw timber and logs		Tel. +7 (495) 785-46-97, 786-61-91, ros@brevna.ru, www.brevna.ru
TMD, 000	Thermo-wood production	143084, Moskovskaya Obl., Odinzovsky Rayon, Pos. Usovo-Tupik	Tel. +7 (495) 973-62-99, info@t-mw.ru, www.t-mw.ru
Consolidated Paper Mills, 000	Pulp-and-paper	142784, Moskovskaya Obl., Leninsky Rayon, Der. Rumyantsevo, Stroeniye 1	Tel. +7 (495) 514-03-24, com@ukobf.com, www.ukobf.ru
Fran, 000	Furniture production	143500, Moskovskaya Obl., Istra, Ul. Zagorodnaya, 2	Tel. +7 (495) 994-58-67, 994-52-94, zao.uepb@gmail.com, www.fran-mebel.
Ecowood, ZAO	Wooden house construction, log production	143006, Moskovskaya Obl., Odintsovo, Ul. Zapadnaya, 18	Tel. +7 (495) 740-27-53, max@ecowood.ru, www.ecowood.ru
EcoMasiv House, 000	Wooden house construction	142144, Moskovskaya Obl., Podolsky Rayon, Po. Schapovo	Tel. +7 (495) 996-89-07, info@ecomassiv.ru, www.ecomassiv.ru
Ecoteco, 000	Bioenergy: fuel granules production	127543, Moskovskaya Obl., Mytischinsky Rayon, Pos. Nagornoye, Ul. Novaya Nagornaya, 1, Stroeniye 1	Tel. +7 (495) 617-66-93, (925) 856-49-30, ekoteko@yandex.ru, www.ekoteko.ru
Extra Forest, 000	Wood-sawing, woodworking: products from soft wood	142160, Moskovskaya Obl., Podolsky Rayon, Der. Lvovo	Tel. +7 (4967) 50-67-57, extraforest@rambler.ru, www.exfor.r
Efedra, 000	Wood-sawing: saw timber. Wooden house construction	142620, Moskovskaya Obl., Orekhovo-Zujevsky Rayon, Kurovskoye, Ul. Lesnaya, 50	Tel. +7 (496) 411-09-20, 411-02-06, kabanov@ooo-efedra.ru, www.ooo-efedra.ru
Julis, 000	Furniture production: kitchens	141282, Moskovskaya Obl., Ivanteevka, Ul. Tolmachiova, 27/3Б	Tel. +7 (495) 741-25-04, 741-25-05,
Yantarnaya Pryad- Parquet Group, 000	Woodworking: parquet production	141400, Moskovskaya Obl., Khimki, Ul. Moskovskaya, 21	Tel. +7 (495) 797-27-25, 797-27-26, info@artparquet.ru, www.artparquet.l

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Bryansk Region

Kaluga Region



Moscow Region



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Yaroslavl Region



Kirov Region

Nizhny Novgorod Region





Republic of Tatarstan

Ulyanovsk Region



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VLADIMIR REGION

FOREST LAND FULL OF LEGENDS

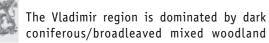
Signs of human life dating back to the Upper Paleolithic age (about 25,000 years BC) found here are evidence of the occupancy of the land by humans since ancient times. Archaeological excavations of Murom and other settlements indicate that the population had Finno-Ugric roots. The region in guestion is the Vladimir region.

The Vladimir region is located in the heart of the European part of Russia, to the south of the Volga-Oka interfluves, 190 km east of Moscow. The territory runs 170 km from north to south, and 280 km from west to east. It bordersthe Ryazan region in the south, the Moscow region in the southwest, the Yaroslavl and Ivanovo regions in the north and the Nizhny Novgorod region in the east. The area of the region is about 29,000 sq. km.

The climate in the Vladimir region is temperate continental. There are 137 days with an average daily temperature below 0° C, the average annual temperature +5° C, the average January temperature is -13° C, and +19° C in July. The average snow depth is 40 mm (snow covers the ground for 144 days on average). The average annual rainfall is 420-740 mm, and the duration of the growing season is 160-180 days.

Hundreds of large and small rivers run through the region's territory; their total length is more than 8,600 km (together with streams their number totals 560). The largest rivers in the Vladimir region are the Oka, which flows along the western border, and the Klyazma which crosses the territory from west to east. The Klyazma flows into the Oka River in the southeastern part of the region, on the border with the Nizhny Novgorod region. Major tributaries of the Klyazma include the Shearn (with the Molokcha tributary), Kirzhach (with the Greater and Lesser Kirzhach tributaries), Peksha, Koloksha, Nerl, Sudoqda, Uvod, Lukh and Suvorosch; tributaries of the Oka include the Gus, Unzha and Ushna. The Dubna, a tributary of the Volga, originates near Alexandrov.

FORESTS



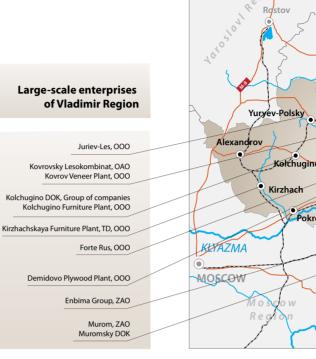
with areas of pine forest in the northwest, broadleaved pine and dryleaved pine forest on the Gorokhovetsky spur, floodplain vegetation on the banks of the Oka and Klyazma, and swamp vegetation in the lowlands of the region.

As of January 1, 2008 the total forest area of the Vladimir region was more than 1.6 million hectares. The total wood stock in the forests was 269,690,000 m³. The forest fund of the Department of Forestry occupies 89.9% of the forest land area. Land covered with forest vegetation has an area of 1,360,100 hectares, or 93% of the total area of the region. Forest plantations account for 22% of the forest fund area. The total stock of timber is 248.2 million m³. The largest forest areas are concentrated in the Gus-Crystal, Sudogodskoe, Vyaznikovskoe, Kovrovskoe, Petushkinsky and Melenkovsky districts. The smallest forests areas are located in the Murom, Suzdal and Uryev-Polsky districts.

In 2007, the forest resources owned by agricultural organizations were added to the forest fund. The share of coniferous timber in the total wood stock decreased from 66.7% in 2003 to 61.4% in 2008 with an increase in deciduous from 32.5% to 37.1%. Coniferous trees dominate the forest fund, accounting for 55.4% of the area with 42.9% of softwood, of which 79% is birch, which is very important for existing plywood enterprises in the region.

Exploited forests occupy 56.8% of forest land and are the major suppliers of the region's forestry complex, as well as fulfilling important ecological functions. The most promising areas scheduled for forest exploitation are Kolchugino, where exploited forest constitutes 86.7%, Melenkovsk (85%), Alexandrov (82.6%) and Kurlovsk (76.8%).

In general, coniferous forests in the region account for 55% of the area and 61% of the



wood stock of the Forestry Department's forest fund.

It should be noted that in the central part of the Russian Federation, coniferous plantations rarely account for more than 50% of the forest fund area as they do in the Vladimir region. For example, in the largest forest area of the Central Federal District — Kostroma — coniferous forests occupy 49% of the area, 50% in Tver, 52% in Ivanovo, and 42% in Yaroslavl.

Another positive factor in the species composition of the forest fund of the Vladimir region is the predominance of areas of birch forests in softwood plantations. Birch plantations occupy 79%, and aspen grows on 12% of the deciduous plantations.

Mixed forests are predominant in the region. The largest area is occupied by pine (631,600 hectares) and birch forests (460,600 ha). Substantial pine plantations are concentrated in the Kurlov, Melenkov, Andreev, Selivanov, Gus and Kovrovsk forest areas. Plantations dominated by birch are located in the Zarechye, Vyaznikov, Alexander, Selivanov, Kovrov and Melenkov forest areas. In the Kolchugino forest area, birch dominates 51% (by area) of forests. Spruce plantations are present in all forests, occupying an area of 2.7% (Gusev) to 27.6% (Kolchugino).

The most important raw material resource of the region is timber; it is the raw material for timber-processing industries, both inside and outside of the region. Previously, overall demand for commercial timber and wood fuel in the region was met entirely by timber from the forests on its territory. However, in recent years, the region's timber industry has seen a lack of high-grade timber, both hardwood and softwood species.

fund.





THE MAIN RESOURCE: TIMBER

Wood is harvested mainly for clear-cutting in mature and overmature forest stands. Volumes of timber harvesting were determined based on the established allowable cut. All the allowable cut and the entire volume of actual timber harvesting are concentrated in forests located on lands of the Department of Forestry's forest

In 2004-2006, the level of the annual allowable cut utilization increased constantly, and almost reached the limit for coniferous forestry. In 2007 a reduction in the annual allowable cut was observed – both overall and for coniferous forests. This can be explained by the difficulties that were encountered during the reorganization of forestry in connection with the adoption of the Forest Code of the Russian Federation. Completion of the restructuring will facilitate



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region



Yaroslavl Region

VOLGA FEDERAL DISTRICT

Kirov Region

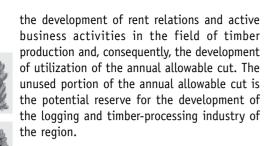
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

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Ulyanovsk Region



In 2007 the annual allowable cut for mature and overmature stands was set at 1.974.4 m³. For the coniferous forestry, with an annual allowable cut of 791,500 m³, the volume of harvested forest was 707,800 m³, i.e. 89.4%. For the softwood forestry, with an annual allowable cut of 1,173,300 m³, the amount of harvested forest was 556,200 m³ (47.4%).

Thirty-six percent of the total volume of harvested timber in 2007 (710,000 m³) was harvested for thinning, felling of damaged and dead forest plantations, other felling, and logging connected with the creation of infrastructure for forest protection and forest regeneration, namely: the cutting and clean-up of boundary glades, the construction, repair and maintenance of forest areas and fire roads, and the equipping of fire breaks.

THE LEADER OF LOGGING IN RUSSIA

The Vladimir region is the region which most actively utilizes the annual allowable cut among all Russian regions. In 2008, 72% of the annual allowable cut was harvested (of the allowed 1.7 million m³) which exceeds the average Russian level by 3.3 times. This is 8% higher than the volume harvested in 2007.

"Of course our goal is to utilize the allowable cut 100%," says Nikolai Belousov, head of the Department of Forestry for the Vladimir region, "But doing so is complicated by the absence of comprehensive timber-processing, and low-grade timber is not in demand."

The socio-economic development of the Vladimir region is inextricably linked to the expansion and rational use of natural resources, of which forests are the most important. Timber stock is estimated at 248.2 million m³, of which 55% are conifers, of which in turn more than 11% are ripe and overripe stands.

The forestry industry occupies only 2.5% of the industrial composition of the region; however, in terms of the production growth

rate (116.9%) it holds second place after the glass industry. The industrial development plan for the Vladimir region for 2006-2010 set priorities for the development of forestry. One promising direction is the development of capacities for comprehensive timber-processing and the production of goods that are in demand on domestic and foreign markets: plywood, chipboard and wooden building constructions.

Over the next six years, the rate of logging growth is set to remain at 7-8% per year, which will allow the supply of raw timber materials to the developing industries of wood sawing and plywood and wood panels production. In the sphere of logging technologies, the transition from the removal of short logs to the removal of tree-length logs can be observed; this is facilitated by the developed network of public automobile roads. In terms of road density, the region is the leader among subjects of the Russian Federation, with 11.7 km of roads per 1,000 ha compared to the standard 10 km.

Main timber logger-tenants:

- ZAO Elektrogorskmebel with a fixed annual logging volume of 81,600 m³ (8.8%) and a lease term of 10 years;
- Company Kedr with a fixed annual logging volume of 103,300 m³ (11.1%) and a lease term of 10 years;
- 0A0 Kovrov Lesokombinat with a fixed annual logging volume of 87.9 m³ and a lease term of 20 years;
- 000 Yuriev-Les with a fixed annual logging volume of 50,200 m³ (5.4%) and a lease term of 10 years.

Other tenants have lower fixed annual logging volumes.

In recent years, the number of workers employed in various fields of production activities has been declining and the economy of the region as a whole faces a shortage of them, which is undoubtedly connected with the demographic situation. According to forecasts, in 2009 and subsequent years, a further decline in the working age population is expected. For this reason, the largest timber loggers utilize modern processing facilities which make it possible to increase harvesting volumes with given parameters and reduce the number of teams involved in logging.

Currently, the volume of logging in the region is sufficient for the existing timber-processing

enterprises. In addition, small volumes of round timber are exported and sold to other regions of Russia (0.4 and 7.5% of the total volume of logging in the region respectively).

Since 2004, there has been a steady decrease in the volume of wood sawing; at the same time production capacities of enterprises in the sawmill industry are decreasing. This is happening due to enterprises seeing low profitability - and in many cases losses - as well as to the unsatisfactory state of sawmill equipment. Sawmill shops mostly use worn out sawmill frames for domestic production, with which it is impossible to create products that are competitive not only on the external market, but also on the domestic market.

The forestry industry of the region includes furniture manufacturing (23%) and production of building parts (14%), which are consumers of enterprises engaged in the processing of wooden raw materials (lumber, wood panels, plywood). The growth rate of furniture production and building parts is 146% per year. At the same time, the rapidly growing sectors of the forestry industry are plywood and board production. The average annual growth rate of plywood production is 120% per year. Plywood, veneer and particleboard production companies (ZAO Murom, 000 Demidovo Plywood Mill and 000 Kovrov Plywood Mill) annually process over 400,000 m³ of birch veneer logs, but the share of locally supplied raw materials does not exceed 20-30% of the total volume of utilized raw materials. Plans for the future development of these enterprises suppose an increase in demand for raw materials up to 810,000 m³.

The growth rate in chipboard production over the past five years was 128.6%. Increased production is dictated by the needs of the internal regional market (furniture manufacturing and construction), and markets outside the region. The existing production capacity of chipboard is not fully utilized, so in the coming years growth rates will remain.

After the division of forest area by intended purpose in accordance with the requirements of the Forestry Code of the Russian Federation, the allowable cut (2,236,600 m³, including 973,600 m³ of coniferous trees) for the years 2009-2018 exceeds the available harvesting capacity in the region by 278,400 m³ for all species. For coniferous forests the allowable cut is 350,100 m³ below the demand for harvesting. In 12 forest districts the allowable cut for coniferous forest

Forest tenants will have to re-specialize on the harvesting and processing of softwood timber, which will require certain efforts within the technological restructuring of production and finding consumers for the recycled wood. The adaptation of timber production to the changing forest structure of the annual allowable cut will take some time, and for this reason the full development of the cutting area in the forests is planned for 2013. Overall, throughout 2009-2018 it is planned that the volume of harvesting in the Vladimir region will reach 21,292,600 m³ of timber, including 9,456,200 m³ (44.4%) of coniferous trees, and 11,836,400 m³ (56.1%) of deciduous trees.

In the forests in which tenants do not operate, the share of coniferous plantations will become smaller, and timber industry workers should be oriented towards plantations dominated by deciduous stands in their future forest fund exploitation. One of the conditions for increasing timber harvesting could be the construction of new enterprises or expansion of existing enterprises for deciduous timber and low-value timber processing, primarily aspen.

One of the common problems for the timber industry of the Central District and the Vladimir region in recent years has been the absence of sales of aspen and alder timber, with a strong demand for coniferous and birch timber. Low quality unclaimed timber remains on site, as its removal is not profitable. For this reason, as well as because of high tariffs for energy resources (electricity, oil, etc.), one of the critical issues is waste management and the utilization of low-quality timber, for example using it for biofuel production. It is estimated that at the present volume of timber harvesting, after sawing and timber processing, about 370,000 m^3 of wood waste is generated in the region. Consequently, the potential of the Vladimir region when utilizing this wood waste is at least 93,000 tons of standard fuel.





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has significantly decreased, including by 50 percent or more in the Vladimir, Kameshkovsk, Zarechny and Sobinsk forest areas.

According to the applied technologies of forest product production, waste from logging constitutes 10-15% of total production, sawmill waste constitutes 35-55%, waste from the production of plywood constitutes 60%, and wood waste from the pulp-and-paper industry constitutes 20% of the supplied raw material. Waste from the production of wooden





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Kaluga Region

Kostroma Region

Moscow Region



Yaroslavl Region



Kirov Region

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Ulyanovsk Region



products, furniture, etc. is 50% of the volume of production. Part of the waste is used in the production of boards. Some enterprises use production waste for their own needs (to obtain thermal energy to heat production shops, process technical steam, to operate dryers, etc.).

Nevertheless, a significant volume of wood waste is simply discarded in landfill or left on site. However, it has bioenergetic potential which could open up new markets for forestry enterprises, and when used properly can solve a range of social, environmental and economic problems by generating thermal energy. The development of bioenergy would help to solve the forestry problem – that is the development

and processing of aspen and other overmature (usually deciduous) plantations which are illiquid for industrial logging.

According to OAO NIPIEILesprom, in the long run, internal and external demand for sawn timber, particle board, OSB, pulp, paper and cardboard will increase. This promises substantial potential for the forestry industry of the Vladimir region.

For the processing of waste and deciduous timber in the Sudogodsk district, OAO Penosteklo (housed on the site of the former OAO Krasny Bogatyr) has installed technological equipment to produce wood pellets; it is currently being debugged.

The forestry sector of the Vladimir region plays a substantial role in the socio-economic development of forestry areas. Because of this, the forest plan of the region envisages the increase of the use of the annual allowable cut to 85% by 2017. Increase of the intensity of selective logging, which today is only 45%, will contribute to this aim. The forest plan of the Vladimir region envisages an increase in the use of forest resources on leased territories from 639,200 to 927,000 m³.

A KLONDIKE FOR INVESTORS

The situation in the forestry industry of the Vladimir region today is very favorable for attracting private investment. In 2008, investment in manufacturing, which accounts for more than 30% of all investment in the region, amounted to 8.3 billion rubles. Foreign investment in the manufacturing industry totaled nearly \$670 million. This is 99.3% of the total foreign investment in fixed capital of enterprises and organizations of the region.

The accomplishments in the sphere of investment were the result of active work by the administration of the Vladimir region towards the creation of a favorable investment climate. The region has established a comprehensive system of financial and legal support for the subjects of investment estimization of the subjects.

of investment activities, new institutional mechanisms of interaction facilitating dialogue between business and government are being introduced, and administrative barriers are being significantly reduced.

The basic legal document covering investment is the Law of the Vladimir Region of 02.09.2002 № 90-0Z "On state support for investment activity carried out in the form of capital investment on the territory of the Vladimir region." In accordance with this law, various forms of state support are offered to both domestic and foreign companies engaged in investment activities on the territory of the region.

A promising path in the development of the forestry industry in the region is the development of capacities for comprehensive timber processing and production of products that are in high demand on foreign and domestic markets: plywood, chipboard, and wooden building constructions. For these purposes, production modernization will continue at 000 Demidovo Plywood Mill, ZAO Mourom, 000 Forte Rus, 000 Kirzhachsky Furniture Plant and ZAO Kolchugino Furniture Plant. Given the trend of shifting to alternative energy sources, the production of fuel pellets from wood and peat is actively being developed (ZAO Enbima). Another promising project is that of the Irish concern Smurfit Kappa to establish environmentally friendly production of corrugated packaging in the city of Sudogda. Great prospects are available for companies intending to get involved in investment activities within the framework of the Russian government resolution "On priority investment projects in forest development."

Among the projects that have been successfully implemented, one project is notable today: a project involving 000 Forte Rus, in which the Polish company Forte A. O., together with the administration of the Vladimir region and the administration of the city of Vladimir, reconstructed a furniture production factory in Vladimir.

The size of investment in the creation of facilities with a capacity of 14,000 tons of end products per year amounted to 8 million euros. Today 000 Forte Rus produces environmentally friendly casegoods and kitchen furniture from particle board under the brand name Forte. Modern processing lines with digital control are installed at the Vladimir factory. The production line of the Forte A. 0. group of companies is certified to the ISO 9001 standard.

The main objects of investment projects eligible for inclusion in the list of priority projects in the sphere of forest development include:

1. OAO Kovrov Lesokombinat — organization of comprehensive timber processing, bringing sub-standard timber and sawmill waste into the production process, as well as the construction of low-rise buildings. The investment volume is \$445 million.

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2. 000 Construction Innovations — organization of the production of panels and fiber plates for housing construction. The investment volume is \$200 million.

The short-term development plan envisages the organization of the production of fiber plate materials used for the construction of prefabricated low-rise buildings. According to its technological specifications, the production line will utilize raw materials of both coniferous (spruce, pine) and hardwood (aspen) species. At the initial stage of the project, the annual demand will be 72,000 m³, and with the development of production, demand will increase to 540,000 m³, predominantly for deciduous species (60-80%).

The falling revenues of the Russian budget connected to decreased payments for timber harvesting are fully compensated by private capital investments in fixed assets of the region's forestry industry, forestry infrastructure development, the creation of additional jobs and increased tax revenues to the budget system of the Russian Federation (an average of 400 rubles per cubic meter of logged timber excluding fees for forest exploitation).

In addition, priority investment projects should ensure involvement in the development of significant reserves of overripe wood of deciduous species.

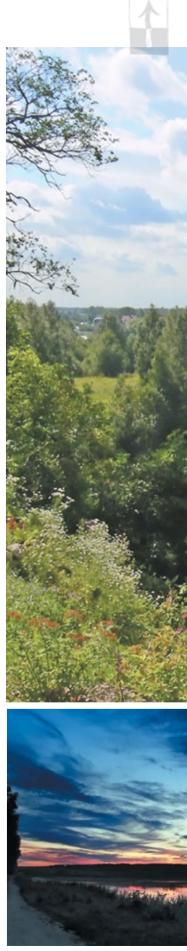
Three inter-municipal zones with a total logging volume of 483.8 square meters have been formed and prepared for lease under priority investment projects. Work with the zones is planned to start in 2012. The total volume of timber logging on the rented land is 1,613,000 m³.



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RUSSIAN REGIONS: CENTRAL FEDERAL DISTRICT

CENTRAL FEDERAL DISTRICT

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Kaluga Region

Kostroma Region

Moscow Region



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ENTERPRISES

OF THE VLADIMIR REGION

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Agro-Optim, ZAO	Wood-sawing. Wooden house construction	600014, Vladimir, Ul. Lakina, 4 (Pos. RTS)	Tel.: +7 (4922) 364535, 363695, zapolie@vinfo.ru, www.kluch585.ru
Agropromservice, 000	Wood-sawing. Wooden house construction	Head office: 601241, Vladimir Region, Sobinsky Rayon, Lakinsk, Derevnya Dmidovo Office: 600035, Vladimir, Ul. Kuybisheva, 26	Tel.: +7 (49242) 42202, 48220 agropromservis96@mail.ru www.agropromservis.ru Tel. +7 (4922) 471327 apsvladimir04@rambler.ru
Aleksandroff Home, 000	Wooden house construction	601630, Vladimir Region, Alexandrovsky Rayon, Pos. Balakirevo, Ul. Zavodskaya, 10/41	Tel.+7 (49244) 77088 info@alekshome.ru www.alekshome.ru
Andreevo-Les, 000	Lumbering. Wood-sawing	601370, Vladimir Region, Sudogodsky Rayon, Pos. Andreevo, Ul. Kommunisticheskaya, 12	Tel. +7 (49235) 31224
Berest, 000	Woodworking: windows and doors	600009, Vladimir, Ul. P. Osipenko, 41	Tel./fax +7 (4922) 353546, berest@teleline.ru
Construction Innovations, 000	Woodworking: Wood-based panels. Wooden house construction	601755, Vladimir Region, Kolchuginsky Rayon, Pos. Bavleni, Ul. Stantsionnaya, 14	Tel.: +7 (49245) 23975, 22039, 4378 info@greenboard.su, www.greenboard.su
Demidovo Plywood Mill, 000	Woodworking: plywood	601201, Vladimir Region, Sobinsky Rayon, Derevnya Demidovo	Tel.: +7 (49242) 41273, 42200 dfksecretar@demidovo.ru www.demidovo.ru
Door Plant Bravo, 000	Furniture production: partitions between rooms	Production: 601900, Vladimir Region, Kovrov, Ul. Kuznechnaya, 2	Head office: +7 (495) 6400580, 9213080, com@bravodoors.ru, www.bravodoors.ru
Forte Rus, 000	Furniture production	600016, Vladimir, P.O. Box 33	Tel.: +7 (4922) 211701, 312708, fax +7 (4922) 211901
Forest-K Timber- Processing Company, 000	Woodworking: moulded strips and lining boards	601010, Vladimir Region, Kirzhach, Ul. Rizhenkova, 131 Б	Tel.: +7 (49237) 22242, (903) 648699 (962) 9979536, forest@skm.ru, www.skm.ru
Juriev-Les, 000	Wood-sawing	Postal: 601800, Vladimir Region, Juriev-Polsky Rayon, P.O. Box 61. De facto: 601800, Vladimir Region, Juriev-Polsky Rayon, m. Shardoga-Pilorama	Tel. +7 (49246) 52332
Kartel, 000	Woodworking: furniture shields. Furniture production: pine solid wood furniture	602256, Vladimir Region, Murom, Ul. Kolkhoznaya, 24	Tel. +7 (49234) 33710, kartel@mit.ru
Kirzhachsky Furniture Plant, TD, 000	Furniture production	601010, Vladimir Region, Kirzhach, Ul. 50 Let Oktyabrya, 14	Tel.: +7 (49237) 21425, 21526, kzhmfk@yandex.ru
Kolchugino Furniture Plant, 000 (a part of Group of Companies DOK Kolchugino	Wood-sawing. Woodworking: furniture shield	601780, Vladimir Region, Kolchugino, Ul. Kolchuginskaya, 1	Tel./fax: 245-24-31, 245-24-61, mail@mfkinfo.ru www.mfkinfo.ru
Komplex, 000	Woodworking	601650, Vladimir Region, Alexandrov, Promishlenny Projezd, 6	Tel./Fax +7 (49244) 30118, gran.komplex@mail.ru
Kovrov Lesokombinat, OAO	Lumbering. Wood-sawing: saw timber, pulpchips and wooden building structures	601902, Vladimir Region, Kovrov, Ul. Leskhoznaya, 4	Tel.: +7 (49232) 48615, 21344, Fax +7 (49232) 21020, lescom.buh@rambler.ru

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OOO DEMIDOVO PLYWOOD PLANT



RUSSIAN #4(2011) 99

RUSSIAN REGIONS: CENTRAL FEDERAL DISTRICT

CENTRAL	Name	Activity	Address	Contacts
FEDERAL DISTRICT	Kovrov Veneer Plant, 000	Woodworking: plywood	601916, Vladimir Region, Kovrov, Ul. Muromskaya, 28a, stroenye 1	Tel./fax: (49232) 4-22-51, 4-22-57, 3-17-19 fanerkov@mail.ru fanera.kovrov.ru
Bryansk Region	Lesnoi, 000	Wood-sawing	601501, Vladimir Region, Gus-Khrustalny, Ul. Mayakovskogo, 22	Tel. +7 (49241) 28542 21403, Fax +7 (49241) 22234, gus.lph@mail.ru
Kaluga	Linea-Legno, OAO	Woodworking: glued beam, window and door units. Wooden house construction	601902, Vladimir Region, Gus-Khrustalny Rayon, Kurlovo, Ul. Frunze	Tel.: +7 (49241) 55740, 55712, 55134, linealegno@gus.elcom.ru www.linealegno.ru
Region	Murom, ZAO	Woodworking: chipboard, laminated chipboard, veneer and plywood	602253, Vladimir Region, Murom, Proezd Kirova, 21	Tel.: +7 (49234) 35720, 33912, 34998, 37183, sekretar@murom.mit.ru, www.zaomurom.ru
Kostroma Region	Muromsky DOK (Group of Companies Arian)	Wood-sawing. Woodworking: furniture shield	602265, Vladimir Region, Murom,-15, P.O. Box 443	Tel.: +7 (49234) 20648, (920) 9008230, arian@hotmail.ru, www.oooarian.ru
Moscow Region	OmegaHolding, PK	Furniture production: partitions between rooms	601901, Vladimir Region, Kovrov	Tel.: +7 (49232) 34621, (910) 1871650, mrp@pochta.ru, www.dverikovrov.ru
Vladimir	Pankovskoye, 000	Wood-sawing. Wooden house construction	601017, Vladimir Region, Kirzhachsky Rayon, Derevnya Khmeliovo, Ul. Rechnaya, 22	Tel. +7 (926) 0849753, vladimir7semenov@mail.ru, www.altaikedr.ru
Region	Rumaks, 000	Furniture production: partitions between rooms	601916, Vladimir Region, Kovrov, Ul. Muromskaya, 24A	Tel.: +7 (49232) 44404, (960) 7348122, 7253806, (906) 5615688, rumax1@yandex.ru, www.rumaks.ru
Region	Russky Prostor, 000	Furniture production	600009, Vladimir, Ul. Polini Osipenko, 63	
VOLGA	SIMA, 000	Lumbering. Wood-sawing	601830, Vladimir Region, Juriev-Polsky Rayon, Ul. Sadovaya, 56	Tel. +7 (49246) 53270
FEDERAL DISTRICT Kirov Region	Soyuz, 000	Woodworking	601570, Vladimir Region, Gus-Khrustalni Rayon, Pos. Kurlovo, PMK	Tel.: +7 (49241) 58003, (910) 1782808
Nizhny Novgorod	Stroymontazh, 000	Woodworking. Wooden house construction	600009, Vladimir, Ul. Polini Osipenko, 51	Tel.: +7 (4922) 532947, 353074, (920) 9251112, pochta@depebo.ru, domaizdereva@gmail.com, www.depebo.ru
Region	Svarog, 000	Furniture production: doors	601916, Vladimir Region, Kovrov, Ul. L. Chajkinoi, 108-45	Tel. +7 (49232) 96944, svarogkovrov1@yandex.ru, www.svarog.su
Perm Krai	Terem, Group of Companies	Wooden house construction	600005, Vladimir, Ul. Chaikovskogo, 40 A	Tel.: +7 (4922) 370111, 441818, fax +7 (4922) 441818, terem_s_33@mail.ru, www.terem33.ru
Republic of Bashkortostan	Transles Company, 000	Woodworking: furniture shield, staircases elements	601422, Vladimir Region, Vyaznikovsky Rayon, Pos. Nikologori, Ul. Podgorje, 20	Tel.: production: +7 (49233) 52359, office in Moscow: +7 (495) 5071788, www.com-transles.ru
Republic	Trety Rim, 000	Furniture production	602200, Vladimir Region, Murom, Ul. Sovetskaya, 75	Tel. +7 (49234) 91790, 3rim-mebel@mail.ru, third_rome@murom.net, 3rimmebel.ru
of Tatarstan	Vladimir Door Plant, 000	Furniture production: partitions between rooms	601902, Vladimir Region, Kovrov, Ul. Degtyaryova, 88	Tel. (49232) 44154 info@doors33.ru, www.doors33.ru
Ulyanovsk Region	Vyazniki Lespromkhoz, OAO	Lumbering	601442, Vladimir Region, Vyazniki, Ul. Derzhavina, 45	Tel. +7 (49233) 2-03-28 pankovo46@mail.ru

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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA FEDERAL DISTRICT

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

YAROSLAVL REGION THE HEART OF THE RUSSIAN PLAIN

The Yaroslavl region, with its insignificant mineral resources, is a typical **Russian administrative entity**

Date of formation - March 11, 1936.

Administrative center - Yaroslavl city, located on the Volga River bank, 282 km by railway and 248 km by road from Moscow.

The Yaroslavl region comprises part of the historical and cultural core of Russia. The ancient section of Yaroslavl city that celebrates its 1000th anniversary in 2010 was added to the UNESCO World Heritage List in 2005. The cities of Yaroslavl, Rostov, Uqlich and Pereslavl-Zalessky are included in the 'Golden Ring of Russia' tourist route.

NATURE AND CLIMATE

The Yaroslavl region lies in the center of the Russian Plain within the eastern part of the Moscow valley, in the basin of the upper Volga and its tributaries including the Sit, Yukhot and Kotorosl. The region borders the Tver region in the west, the Vologda region in the north, the Kostroma region in the east, the Ivanovo region in the southeast, the Vladimir region in the south, and the Moscow region in the southwest.

Its length from west to east is 220 km, from north to south - 270 km; its area is 36,200 km², including 18,000 km² under forest. The Volga River crosses the region, moving northwards up to the Rybinsk water reservoir and then turning sharply to the southeast. All the local rivers belong to the Volga's drainage basin; the biggest are the Kostroma, Korozhechna, It, Sutka, Nerl Volzhskaya, Yukhot, Cheremukha, Solontsa, Kotorosl and Nerl Klyazminskaya rivers. The region has more than 4,000 small rivers and 83 lakes — the biggest of which are the Nero Lake (5,130 ha) and the Plescheevo Lake (5,089 ha) — and four reservoirs: Uglich, Gorky, Kostroma and Rybinsk. Rybinsk reservoir is the largest, its area within the region is 324,600 ha, and the average depth is 5.6 m. About thirty years ago, water arteries allowed loose timber drifting. Nowadays, timber is transported downstream on ships. The climate is moderately continental, formed under the influence of Atlantic and continental air masses. It is characterized by cold winters and moderately warm summers. The average January temperature is from -10.4° C to

-13.2°C; July ranges from +17.2° C to +18.5° C. The absolute minimum is -50° C, and absolute maximum – +38° C. Annual precipitation approaches 500-600 mm, reaching its maximum in July-August and minimum in February-March. The wind rose is dominated by western and southwestern winds. The vegetation period is 165-170 days long.

POPULATION

The Yaroslavl region is a long-populated area with a high degree of urbanization. The local people are mainly Russians. The population is decreasing, irrespective of migration inflow, due to a low birth rate and high overall death rate.

The region is composed of 17 municipal districts and three urban districts: Yaroslavl, Rybinsk and Pereslavl-Zalessky cities.

The major economic centers are Yaroslavl, Pereslavl-Zalessky, Rostov, Rybinsk, Tutaev, Uglich. The urban population is 1,081,900 people or 81.5%, concentrated primarily in two large cities - Yaroslavl (605,000 people) and Rybinsk (213,000 people).

ECONOMIC POTENTIAL

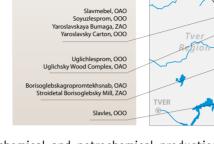
The Yaroslavl region offers significant industrial and transport opportunities, which define its development to a great extent.

The key advantages of the Yaroslavl region are stable companies (oil refining, petrochemistry, carmaking) and the structural balance of its economy.

The region enjoys significant peat deposits, and the Volga River powers the Uglich and Rybinsk hydro-electric power plants.

The well developed local industry focuses on petrochemistry and machinery manufacturing. Major industries include:

machine manufacturing (diesel engines and equipment for them, electrical engines, polymer, food and printing equipment, woodworking machines, instruments, automation equipment, clocks, road construction machinery);



Large-scale enterprises of Yaroslavl Regior

SOGA Wood Complex, OOO

l vubimsky Wood Complex, OAO

Klest Woodworking Company, OAO Svoboda Furniture Plant, ZAO

- chemical and petrochemical production (technical carbon, tires, paint and varnish materials, photo paper);
- oil refining, consumer, food and timberprocessing industries;
- construction materials.

The Yaroslavl region is a Russian monopolist manufacturer of road rollers, lathes, woodworking machines, snowmobiles and photo paper.

Agriculture, the traditional occupation of the region, gives priority to dairy husbandry, sheep breeding and vegeculture. The agribusiness produces about 4% of GRP, employing about 5% of the total manpower.

Relatively favorable nature and climate facilitate the competitive production of basic foodstuffs and industrial crops feeding processing industries. Given the changed structure of food demand and increased consumption of local products by people, the agriculture will be able to contribute significantly to the sustainable development of the local economy in the future.

Yaroslavl is a unique integrated transportation hub, connecting the administration of Northern Railway, a subsidiary of OAO Russian Railways, and the 'sky gateway' of the region - Tunoshna International Airport — and federal roads linking Moscow, Yaroslavl, Vologda and Arkhangelsk, and Moscow, Yaroslavl, Kostroma, Kirov, Perm and Yekaterinburg.

Rybinsk reservoir gives rise to the Volga-Baltic Waterway. The cities of Yaroslavl, Rybinsk, Uglich, Tutaev and Myshkin located on the Volga River are,

like Moscow, 'ports of five seas.' The main pipelines passing through the region include Ukhta-Torzhok, Gryazovets-Moscow, Nizhny Novgorod-Yaroslavl-Cherepovets, oil pipelines of the Baltic pipeline system and Ukhta-Yaroslavl.

As of early 2006, the region had 9,454 registered small businesses, i.e. 7.1 businesses per 1,000 people, which is in line with the Russian average of 7.3. The growth rate of small-scale businesses was 68.3% in 2005. The small business sector employs 54,700 people or 9.6% of people engaged in the local economy (compared to the Russian average of 11.4%).

Small business investments into the capital stock grew in 2005 by 34.7% against 2004 and reached 351.6 million rubles; that is 37,200 rubles per company. Aggregate sale proceeds in 2005 were 52.9 billion rubles, which is a 24.6% increase compared to the year 2004. In this respect, the Yaroslavl region lags behind only Moscow, the Moscow region, and the Tver and Oryol regions within the Central Federal District.

Along with the traditionally fast-growing trade sector, small businesses working in metal ware manufacture, metallurgy, the recycling of secondary raw materials, and information technology have all seen development. Small businesses in Yaroslavl also operate effectively in the hi-tech sphere.





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The competitive advantage of the region over most neighboring regions is its highly developed internal communications and road network.

According to the national ranking, it holds 33rd place in terms of railway density and 20th place in terms of the density of hard surfaced roads.











Kaluga Region



Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

YAROSLAVL TIMBER: FROM LEAVES TO PANELS

The total forest area of the Yaroslavl region as of January 1, 2010, was 1,735,000 ha or over 46% of the region. Local authorities believe that the local timber industry should focus on the start-up of particle board production. This is the only way to process the overstock of low-grade timber.

FOREST RESOURCES

The executive forestry authority of the Yaroslavl region is the Forestry Department.

Before the new Forest Code was approved, the organization of forestry and forest management lay within the competence of 15 forestry enterprises, Plescheevo Lake National Park, Darwin State Nature Reserve (shared with the Vologda region), and 18 rural interfarm forestry enterprises. Following the requirements of the new Forest Code of the Russian Federation, the Forestry Agency issued an order dated 07.02.2007 No. 322 to establish 15 new forestry areas (territorial management units) on the lands of the forest fund.

Valuable coniferous stands account for 36% of the forest fund area, while softwooded broadleaved species that have grown after clearcutting account for nearly 64%. The area of forests growing on wetlands is 15% of the total forested areas. The previous twenty years have seen significant forest expansion to wetlands and bogs. Stands that do not comply with sanitary and forest pathology requirements occupy up to 12% of the forested area, and stands that do not correspond to the growing conditions occupy up to 42%.

In recent years, young forests of the Yaroslavl region have significantly decreased in extent while the area of mature stands has increased. This trend is characteristic both for conifers and soft-wooded broadleaved species. The reason for it is the underuse of the annual allowable cut, which leads to the accumulation of mature and overmature stands. The increase of the area of young forests during the previous five years was observed only in the Breitovo and Pereslavl forestry areas. Moreover, it was only Breitovo that used primarily conifers to create young stands.

The forest and timber-processing industries are underdeveloped. The processing sector consists only of sawmilling and plywood production (less than 10,000 m³ per year). The lumber production level in 1990 approached 369,000 m³, declining to 47,300 m³ in 2007. There is no particle board and paper production.

The approved AAC for exploitable forests is 3.6 million m³; however, only 20% of the AAC is actually cut down. Less than 20% of forest areas (in terms of stock) are leased. Final felling make up 59.6% of the total timber harvest. The region has a serious problem making use of soft-wooded and low-grade timber.

Poor forest (including roads) and timber-processing infrastructure, along with the absence of facilities for processing soft-wooded low-grade timber, hinders the development of exploitable forests and decreases the economic accessibility of the forest resources.

TIMBER INDUSTRY

The strategic goal of the industry is to reduce the export of roundwood out of the region and develop cutting-edge technologies for processing low-grade timber and manufacturing competitive products.

During previous years, the regulation of the regional timber industry was insufficient. The reason for this was perhaps the low quality of exploitable forests and poor transport accessibility. The official Strategy for the Social and Economic Development of the Yaroslavl Region does not include any measures for the development of the timber industry, and the Territory Planning Schemes of the Yaroslavl Region does not contain any concrete suggestions either. Nevertheless, Governor Sergey Vakhrukov has set the tasks of encouraging business activity in forestry, increasing investment attractiveness and ensuring higher profitability of the forest sector.

The timber industry is currently viewed as a major production sector in the Borisoglebsk, Rybinsk, Lyubim and Breitovo districts. The Nekouz, Uglich and Pereslavl municipal districts intend to promote the timber industry to one of their main industries. It is noteworthy that some districts wish to develop multi-purpose forestry. For instance, the Breitovo, Pereslavl, Gavrilov-Yamsk, Rostov and Nekouz districts would like to give an impetus to recreational forest use, the harvest of forest food resources and hunting, as well as timber harvest.

The maximum timber harvest in the Yaroslavl region is 3.6 million m³ of merchantable timber. In general, the average forest use in 2008 was four times less than the maximum figure. The total harvest was 1.1 million m³. On average, about 12% of timber is processed. The forestry sector includes about 500 companies. Despite the notable growth (117.7%) of timber-processing enterprises, in 2007, their share in the regional processing industry was less than 1% (967.2 million rubles to 125.029 billion rubles).

The biggest logging companies united in Soyuzlesprom holding (Union of Timber Producers of the Yaroslavl region) headed by Alexander Golosov, general director of OAO Lyubimskiy Wood Complex. In 2008, it harvested 532,100 m³ or 62.3% of the aggregate regional timber harvest. The yearly sales were 430.5 million rubles, which is a 21% increase on the previous vear. In 2008, 109,500 m³ of timber was exported for \$14.1 million. Before the crisis, Yaroslavl timber was shipped to Scandinavian countries and PPMs in northwestern Europe.

The Yaroslavl region is lacking in conifer leaves: they account for just 18% in the AAC. Forest regeneration is aimed at replacing broadleaved species with valuable conifers. In 2008, the area covered by forest regeneration operations reached 3,116 ha. The results, however, will only come in the distant future. The local authorities believe that intensified forestry may be achieved through re-orienting the timber industry to the use of hardwood timber and small-diameter coniferous timber. At present, investment proposals for the construction of two integrated timber-processing plants with

ones.

They could make it possible to increase the manufacturing volume of plywood, dried lumber and planed molding profiles, which are in high demand on the domestic and international markets, as well as particle boards and furniture.

Today, 303,500 ha of forest areas with a stock of 713,900 m³ are under lease. "This is about 30%", says Viktor Belyankin, director of the regional forestry department. "If there wasn't an economic crisis, we would have leased out 100% of the region's forest fund.

For example, we had reserved above 1 million m³ of stock in the northeast for a profit-bearing project. We have had to put it on ice."

Viktor Belyankin is sure, however, that Yaroslavl birch and aspen will find their market. This is confirmed by the official Forest Plan of the Region, which provides for the doubling of the AAC within ten years to exceed 2 million m³ of timber, including 0.5 million m³ of coniferous timber. Advanced forest infrastructure will be a contributing factor: 190 km of roads are to be built within the next ten years. Investors are expected to fund 80 km of roads, meeting 42% of the top-priority requirements.

For example, Lyubimskiy Wood Complex has built more than 12 km of roads in the past three years and intends to build another 30 km in the near future. The remaining part of the construction burden will be borne by the regional authorities if they are confident that forest resource development will pay off. By 2018, the planned measures will allow timber producers to process 1.6 million m³ of timber, including 0.9 million m³ of roundwood (sawlogs, veneer logs, match and tare logs, and pulpwood). Regional processing plants are to receive 64.3% of the removed timber, 24% will go to other regions of Russia, 6.1% to the local population, and 5.6% will be used to satisfy the repair and fuel needs of logging companies.







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an annual output from 500,000 m³ to 1 million m³ are under consideration. One of them will procure raw materials from the northern districts of the Yaroslavl region, the other from central and southern districts. The exact locations of the plants have not yet been decided, but could be the Lyubim and Uqlich districts.

It makes sense to create new small timberprocessing operations with an annual capacity of 50,000 to 200,000 m³, and support existing







Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



With a favorable investment climate, the Yaroslavl region is an attractive target for foreign investors. Following an analysis of the financial and economic situation and development trends, experts from the Expert RA rating agency assigned the region a credit rating A with stable outlook.

The Yaroslavl region is second to St. Petersburg on the "High Effectiveness in Regional Management" rating. Experts say that its investment rating may be raised. This is justified by several pre-requisites, including its advantageous location in the most advanced and economically

> developed part of European Russia, and its regional investment policy. The region remains cutting-edge thanks to its accumulated industrial potential, location close

accumulated industrial potential, location close to Moscow, convenient business environment and scientific and educational capacity.

The core element of the local investment policy is the "List of Priority Investment Projects of the Yaroslavl Region," which annually incorporates more than thirty large and medium-size investment projects, including forestry-related ones. In accordance with the laws of the Yaroslavl region, priority projects gain government assistance via tax benefits, state guarantees, information support, and government participation in devising, assessing and implementing the project or program.

According to a preliminary estimate, in 2008 the state support/non-budget capital investments ratio was 1/35.7 and the state support/extra tax revenue ratio was 1/2.8.

Unlike other sectors of the economy, forestry sector revenues could be increased by several times. The forest fund of the region can provide the manufacture of 50,000-60,000 m³ of softwood lumber, 100,000 m³ of hardwood lumber, and 60,000 m³ of plywood.

A significant stock of industrial timber for panel production is currently available. The region's forests are overstocked with low-grade timber, making chip and fiber boards or biofuel

rersburg production a priority. The issue of raising the investment attractiveness of the local forestry industry was first addressed just several years ago, at a meeting devoted to the development of the timber industry, held by regional governor Sergei Vakhrukov in Lyubim. The governor informed potential investors of the conditions for gaining access to the local timber market. The first and foremost is the creation of value-added production facilities for processing local timber, the construction of forest roads, lease of large forest fund areas (at least a forestry

unit), and collaboration with local businesses. The regional authorities promise to provide support for the largest projects via the investment fund, grant income tax benefits to plants, allocate areas for the construction of production facilities, assist companies in building haulage roads, and take part in forest regeneration if the lessee uses species that are more valuable than the removed soft-wooded broadleaved species.

Following the meeting, several companies filed applications of plans for investment projects for large-scale timber-processing plants.

The biggest regional logger is OAO Lyubimsky Wood Complex, which intends to implement an investment project titled "The creation of forestry and timber-processing infrastructure elements in the Yaroslavl region."

THE MAJOR PROJECT GOALS ARE:

 the enhancement of logging and developing new forest resources in the Yaroslavl region (up to 915,000 m³) including elements of forest infrastructure on forest sites in terms of on-site transport, silvicultural and fire prevention operations;

- the start-up of a sawmill with a rated capacity of approx. 100,000 m³ per year;
- start-up of a plywood plant with a rated capacity of approx. 30,000 m³ per year;
- start-up of an MDF plant with a rated capacity of approx. 250,000 m³ per year;
- start-up of thermal and electrical power production at the company's thermal power plant;
- start-up of glued products made of sawn timber for the manufacture of residential buildings.

The project provides for the construction of about 100 km of round-the-year truck roads.

Uglich municipal district will become the launch pad for another investment project aimed at:

- the enhancement of logging and developing new forest resources (530,000 m³), including elements of forest infrastructure on forest sites in terms of on-site transport, silvicultural and fire prevention operations;
- start-up of a sawmill with a rated capacity of up to 100,000 m³ per year at the initial stage, subsequently increasing to 200,000 m³ per year;
- start-up of an OSB plant with a rated capacity of up to 10,000 m³ per year at the initial stage, subsequently increasing to 200,000 m³ per year;
- start-up of thermal and electrical power production at the company's thermal power plant;
- start-up of the manufacture of low-rise residential buildings with a rated capacity of 300 houses per year.

The demand for timber is 520,000 m³ of roundwood, 57,000 m³ of timber-processing waste, 29,000 m³ of bark.

In addition, Lesprom company (Moscow) has also submitted a proposal to the Yaroslavl authorities. The company plans to build a timber-processing plant for manufacturing:

- dried sawn timber of export quality 20,000 m³ per year;
- thin MDF 100,000 m³ per year;
- laminated large format plywood 35,000 m³ per year;

Ordinance of the governor of the Yaroslavl region "On Approval of the Forest Plan of the Yaroslavl Region."

Law of the Yaroslavl region "On the State Regulation of Investment Activities on the Territory of the Yaroslavl Region"

Law of the Yaroslavl region "On the Pledge Fund of the Yaroslavl Region" Law of the Yaroslavl region "On Stimulating the

Economi Law of t

Law of the Yaroslavl region "On Order and Conditions of Tax and Duty Exemption"

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Law of the Yaroslavl region "On Transport Tax in the Yaroslavl Region"

f Regul aw of

ment"

Law of the Yaroslavl region "On Approval of Rates of Payment for a Volume Unit of Timber Harvested by Citizens under Standing Stock Sale Contracts for Their Needs" Ordinance of the regional government "On Ap-

• furniture panels - 20,000 m³.

Muscovites need assistance in selecting a construction site that is located close to a precast concrete factory and a railhead.

It is noteworthy that the regional authorities have not yet made any decisions on the investment projects related to processing forest resources.

The businesses that filed the applications have frozen the projects due to the financial crisis which overwhelmed the country at the end of last year. Nevertheless, investors are not going back on their earlier decisions, and promise that they will resume and complete the projects when the national and global economies recover.

REGIONAL LEGISLATION IN INVESTMENT ACTIVITIES AND FOREST RELATIONS

Law of the Yaroslavl region "On State and Legal Guarantees of the Yaroslavl Region"

Law of the Yaroslavl region "On Stimulating the Economic Development of the Yaroslavl Region"

Law of the Yaroslavl region "On Assets $\ensuremath{\mathsf{Tax}}\xspace"$

Law of the Yaroslavl region "On Income Tax

Law of the Yaroslavl region "On Certain Issues of Regulating Forest Relations"

Ordinance of the regional government "On Approval of Order for Selecting Applications for Priority Investment Projects in Forest Develop-





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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

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www.shinmash.yaroslavl.ru

OAO PROLETARSKAYA SVOBODA





CENTRAL FEDERAL DISTRICT	FORESTRY EN OF THE YAROS	TERPRISES SLAVL REGION		
Bryansk Region	Name	Activity	Address	Contacts
Kaluga	Ara-Mo, 000	Lumbering. Production of converted timber	152360, Yaroslavskaya Obl., Bolsheselsky Rayon, Bolshoye Selo, Ul. Stroiteley, 11	Tel.: +7 (4852) 21-74-23, (903) 824-06-57, Aryats2009@yandex.ru
Region	Borisoglebskagroprom- tekhsnab, OAO		152170, Yaroslavskaya Obl., Pos. Borisoglebsky, Ul. Voschazhnikovskaya, 22	Tel. +7 (48539) 2-19-66, agrosnab@nm.ru, www.agrosnab.nm.ru
Kostroma Region	Borisoglebspetsles, 000		152170, Yaroslavskaya Obl., Pos. Borisoglebsky, Ul. Voschazhnikovskaya, 5	Tel. +7 (48539) 2-10-47
Moscow	Breytovsky Logging Enterprise, 000	Lumbering	152760, Yaroslavskaya Obl., Pos. Breytovo, Ul. Transportnaya, 7	Tel. +7 (48545) 2-22-36
Region	Breytovsky Raytopsbyt, 000		152760, Yaroslavskaya Obl., Selo Breytovo, Ul. Sovetskaya, 22	Tel./fax +7 (48545) 2-22-71, sergey_arhipov@mail.ru
Vladimir Region	EKMI, Furniture Company	Production of furniture, work surfaces, MDF facades	150040, Yaroslavl, Pr. Oktyabrya, 88, office 132B	Tel.: +7 (4852) 55-15-46, 73-29-54, M551546@yandex.ru
Yaroslavl	Etalon, MF	Production of furniture	152020, Yaroslavskaya Obl., Pereslavl-Zalessky, Ul. Svobody, 94	Tel.: +7 (48535) 69-901, 68-110, 69-755, 69-676, mfetalon@mail.ru, www.mfetalon.ru
Region	Fores, 000	Timber-processing. Production of sash and door pulleys	152023, Yaroslavskaya Obl., Pereslavl-Zalessky, Ul. Vokzalnaya, 20	Tel.: +7 (48535) 3-25-55, 3-44-50, ooofores@mail.ru, www.pereslavl-okna-dveri.ru
FEDERAL DISTRICT	Klest Woodworking Company, OAO	Wooden house construction using glued beams	152906, Yaroslavskaya Obl., Rybinsk, Ul. Rybinskaya, 1	Tel.: +7 (4855) 26-61-56, 26-35-78, smirnov-klest@yandex.ru, klest@yaroslsvl.ru, www.klest.ru
Region	Lestorg, 000	Lumbering. Production of converted timber	152430, Yaroslavl, Pos. Prechistoye, Ul. Lyubimskaya	Tel.: +7 (48549) 2-12-61, 2-13-41, Fax +7 (48549) 2-15-41
Nizhny Novgorod Region	Lyubimsky Wood Complex, OAO	Lumbering, converted timber in bulk. Sale and construction	152470, Yaroslavskaya Obl., Lyubimsky Rayon, Lyubim, Ul. Rayevskogo, 11/39	Tel.: +7 (48543) 2-10-39, 2-15-39, Fax +7 (48543) 2-12-18, mainbox@leslubim.ru, www.leslubim.ru
Perm	Pervomayskselkhoz- tekhnika, GP	Lumbering	152450, Yaroslavskaya Obl., Pervomaysky Rayon, S. Kukoboy, Ul. Sovetskaya, 7	Tel.: +7 (48549) 3-13-55, 3-11-43
Krai	Proletarskaya Svoboda, OAO	Timber-processing equipment	150002, Yaroslavl, Ul. B. Fyodorovskaya, 103	Tel. +7 (4852) 21-15-34, Fax +7 (4852) 42-91-98, proletarka@fanmash.ru, www.fanmash.yartpp.ru
Republic of Bashkortostan	Prolog NP, 000	Timber-processing. Production of furniture	150014, Yaroslavl, Ul. Volodarskogo, 13/2	Tel.: +7 (4852) 48-65-97, 48-60-71, Fax +7 (4852) 72-63-39, sales@prolog.ru
Republic of Tatarstan	RSP-5, ZAO	Wooden house construction, production of windows and doors	150030, Yaroslavl, Ul. Pervaya Putevaya, 11	Tel. +7 (4852) 47-71-42, Fax +7 (4852) 47-71-42, rsp-5@yandex.ru
	Russky Les, 000	Trade in converted timber	150025, Pos. Karachikha, Ul. Shkolnaya, 36	Tel.:+7 (4852) 43-66-55, 43-66-77, russ_les@mail.ru
Ulyanovsk Region	Rybinsklesservice, ZAO	Lumbering	152906, Yaroslavskaya Obl., Rybinsky Rayon, Pos. Kedrovka, 4-2	Tel. +7 (4855) 26-74-23, Fax +7 (4855) 26-74-23

Name	Activity	Address	Contacts
SAGIRA+, 000		150000, Yaroslavl, Ul. Bolshaya Fyodorovskaya, 103	Tel.: +7 (4852) 45-92-78, 45-92-79, veneer@yaroslavl.ru
Sergeyev Andrei Vladimirovich, IP	Lumbering	152625, Yaroslavskaya Obl., Uglichsky Rayon, Selo Pokrovskoye	Tel./fax +7 (48532) 4-97-89
Slavles, 000	Lumbering. Production of converted timber and molded ware. Timber exporters	152023, Yaroslavskaya Obl., Pereslavl-Zalessky, Ul. Zheleznodorzhnaya, 1	Tel.: +7 (48535) 3-89-14, 3-06-04 3-10-14, slavles2008@yandex.ru, www.slles.ru
Slavmebel, OAO	Production of furniture	150042, Yaroslavl, Tutaevskoye Shosse, 24	Tel. +7 (4852) 55-14-15, Fax +7 (4852) 55-60-04
SOGA Wood Complex, 000	Production of glued beams. Wooden house construction	Enterprise: 152850, Yaroslavskaya Obl., Poshekhonsky Rayon, Leninsky s/o, Territory of Nizhegorodsky Uchastok. Office: 152934, Yaroslavskaya Obl., Rybinsk, UL. Volzhskaya naberezhnaya, 153	Tel./fax +7 (4855) 29-52-31, info@s-o-g-a.ru, www.s-o-g-a.ru
Stroidetal Borisoglebsky Mill, ZAO		152170, Yaroslavskaya Obl., Pos. Borisoglebsky, Ul. Krasnoarmeyskaya, 72	Tel. +7 (48539) 2-18-01
Svoboda Furniture Plant, ZAO	Production of furniture	152920, Yaroslavskaya Obl., Rybinsk, Ul. Poselkovaya, 4	Tel.: +7 (4855) 22-88-22, 28-68-01, ssvoboda@yaroslavl.ru, www.svobodarybinsk.ru, www.valdopuertas.ru
Tikhonov Mikhail Sergeevich, IP	Lumbering	152175, Yaroslavskaya Obl., Borisoglebsky Rayon, Derevnya Strelka, 20	Tel. +7 (48539) 3-67-85
Tutayevles, 000	Lumbering and timber- processing	152302, Yaroslavskaya Obl., Tutayev, Ul. Tolbukhina, 48	Tel. +7 (48533) 7-82-05, asdf@yaroslavl.ru
Uglichlesprom, 000		152615, Yaroslavskaya Obl., Uglich, Rostovskoye Shosse, 1Б	Tel. +7 (48532) 2-00-63
Uglichskaya Forestry Company, 000	Lumbering and timber- processing	152615, Yaroslavskaya Obl., Uglich, Rostovskoye Shosse, 6	Tel. +7 (48532) 22-45-9
Uglichsky Wood Complex, OAO	Timber-processing	152615, Yaroslavskaya Obl., Uglich, Ul. Pervaya Vysokovoltnaya, 9a	Tel.: +7 (48532) 2-26-63, 2-29-63, Fax +7 (48532) 2-18-65, ugles@yaroslavl.ru
Uyutny Dom, PSK	Wooden house construction and design. Houses made from round logs and glued beams. Wooden euro-windows	152916, Yaroslavskaya Obl., Rybinsk, Pr. 50 Let Oktyabrya, 25A	Tel.: +7 (4855) 20-01-85, 20-03-36, 25-19-92, sale@u-dom.ru, www.u-dom.ru
Yaroslavskaya Bumaga, ZAO	Pulp-and-paper	150044, Yaroslavl, Pr. Oktyabrya, 85	Tel.: +7 (4852) 73-53-13, 73-77-1 paper@yaroslavl.ru
Yaroslavsky Carton, 000	Production of corrugated tare	150044, Yaroslavl, Pr. Oktyabrya, 85	Tel. +7 (4852) 73-30-73, 73-92-55, Fax +7 (4852) 73-33-93, karton@yaroslavl.ru
Yarross, ZAO	Timber-processing	152060, Yaroslavskaya Obl., Danilovsky Rayon, Selo Dmitrievskoye, 42	Tel. +7 (48538) 3-31-41
Zavolzje, 000	Lumbering, production of converted timber	152901, Yaroslavskaya Obl., Rybinsk, Ul. Bolshaya Kazanskaya, 26	Tel. +7 (4855) 28-02-68, Fax: +7 (4855) 28-02-78, (910) 663-82-15, zavolzje@mail.ru, www.rama.apsever.ru

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SOGA WOOD COMPLEX



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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region





Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



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THE KIROV REGION

The Kirov region is one of the keystone timber harvesting and woodworking areas of the country. It occupies fifth place in lumber production and eighth in timber removal. In terms of timber harvesting and woodworking, the region is among the leaders in the Volga Federal District.

Most districts of the Kirov region are engaged in the harvesting and processing of timber, which directly affects the structure of the

local economy. Bordering nine administrative regions of the Russian Federation, the region is guaranteed efficient logistics. Moreover, it has no shortage of skilled specialists.

The area of the Kirov region, including its 39 administrative districts, is 120,800 km2. The administrative center is the city of Kirov. The region has 18 cities (the largest are Kirovo-Chepetsk, Vyatskie Polyany, Kotelnich, Slobodskoy, Omutninsk and Yaransk), 41 urban settlements, 4,324 rural settlements and 350 rural districts. It borders the Nizhny Novgorod, Kostroma and Vologda regions in the west, the Komi Republic and Arkhangelsk region in the north, the Perm Krai and Republic of Udmurtia in the east and Tatarstan and the Mari El Republic in the south.

The peculiarity of the region's natural conditions is determined by its location in the east-European sector of the south-taiga landscapes. On the whole, the Kirov region is an uneven plain sloping from the northeast to the southwest. Its center is governed by Vyatsky Uval (175–284 m), its northeastern part is Kamskaya upland with peaks of up to 357 m, and the northern part is dominated by Severny Uval (160–230 m).

The climate is moderate continental, characterized by a broad range of air temperatures. The average January temperature is -14 °C, while in July it is +17 °C. The vegetation period lasts 155–170 days; precipitation amounts to 400–600 mm per year. The region is classified as an area of high rainfall.

The region lies in the basin of the Vyatka River and its right-hand tributaries — the Kobra, Letka, Velikaya and Pizhma rivers — and lefthand tributaries, the Cheptsa and Bystritsa rivers. A small area in the west of the region touches the upper section of the Vetluga River basin, while its northeastern border is crossed by the Kama River. As of early 2008, the local population was 1,413,300 people, of whom 911,000 were of working age. The average population density was 11.7 persons per km2. About 72% of people lived in towns. Nowadays, both the urban and rural populations are gradually decreasing.

The transport infrastructure in the Kirov region may be defined as sufficient. It is formed by the Trans-Siberian railway that links European Russia's regions with Siberia and the Far East, and by the South-North railway that connects the cities of Kirov and Kotlas. The total length of local railway routes approaches 1,100 km.

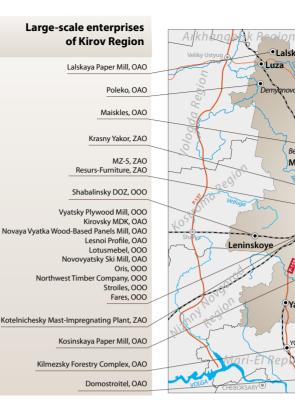
There are more than 9,000 km of hard surfaced roads. Regional hard roads connect district centers, the largest settlements and economically significant districts. Most of these roads, especially municipal and rural ones, however, are in need of refurbishment and development.

AAC POTENTIAL

Forest is the keystone natural resource and the core treasure of the Kirov region. According to the State Forest Register, as of January 1, 2010, more than 8.1 million ha or 63.4% of the region is under forest. The total stock is 1.23 billion m3, and the average annual growth is 21.1 million m3. The Forestry Department of the Kirov region controls 98.7% of all its forests.

The forest fund is dominated by conifers (51% of forest area and 56% of stock), mainly spruce forests and pine stands, with slight spruce predominance. Soft-wooded broadleaved species account for 48% of the forest area and 44% of stock. The core species are birch and aspen. Hard-wooded broadleaved species are insignificant (about 1% of the forest area and less than 1% of stock). These are primarily oak, maple and elms.

The age structure includes middle-aged (31%) and young (24%) stands. The share of maturing forests is 15% and mature and overmature stands occupy 30%. A large proportion of young



and middle-aged stands, along with a small proportion of maturing stands, will replace the stands being cut down no sooner than in 50 years.

The AAC for all types of cutting is 16.6 million m3, including 6.8 million m³ for coniferous species and 9.8 million m³ for soft-wooded broadleaved species. As of January 1, 2010, 608 forest plots with an annual timber harvest level of 7.5 million m3 were leased for logging. In addition, eight forest plots with a total area of 87 ha were leased for recreational purposes.

The total timber harvest in 2009 was 7.9 million m^3 , of which 3.3 million m^3 or 67.9% was produced by leaseholders. In 2008, leaseholders logged 4.1 million m^3 of timber. The volume of timber harvested in leased areas decreased









by 0.8 million ha or 4.8% in 2009 compared to 2008.

According to the local government, forestry should be developed by enhancing the effectiveness of harvest per hectare of forested lands. In 2009, this indicator was 1.42 m³/ha, and it is expected to reach 2.16 m³/ha by 2020, which will become possible due to the increased exploitation of the resources permitted for use.

Target-oriented effective forest regeneration will cause the share of valuable species in the forested lands to grow from 51.2% in 2009 to 52.6% in 2020. The average growth of forested lands per hectare will soar from 2.9 m³/ha in 2009 to 3.4 m³/ha in 2020.

Ivan YAKUBOV

Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



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facilities ensuring the output of a diverse range of products, from paper to elements for house-The new Forest Code of the Russian Federation offered timber producers another vision of forest management and use. "There certainly

WHO IS BOSS

The implementation of AAC depends directly

on the accessibility of forests, especially those

in the northern districts of the region, where

forest use is concentrated mainly along the

roads and urban areas. Today, the development

of a round-the-year road system is a key issue.

The annual allowable cut is 16.6 million m3. The

timber harvest by the end of 2009 reached 7.9

million m3 (47.5%) which is a 0.05% increase

on 2008 (leaseholders account for 5.3 million

Logging and woodworking are the core forest-

related industries in the region. The previous

decade saw a production boom in woodworking

induced by the developing market relations and

competition in this sector of the economy, the

altering demand-dependent product range and

enhanced and refurbished timber industrial

m3 or 67.1% of the total harvest).

IN THE KIROV FORESTS?

THE REGIONAL GOVERNMENT CONTROLS

THE RATIONAL USE OF FOREST RESOURCES

are supporters and opponents of the new forest legislation, but we hold the view that we should implement the Forest Code instead of discussing it," says Ravil Akhmadullin, head of the Forestry Department of the Kirov region.

The Forest Code, put into effect three years ago, also defined in detail the basis for forest use: lease, and timber harvesting by citizens for personal needs. Since that time, the region has been purposefully leasing out available forest plots for timber harvesting. The local authorities made a decision to proceed in this direction.

In addition to leasing out forests, the Forestry Department of the Kirov region takes legal action against leaseholders who fail to fulfill the requirements of their lease agreements and forest development plans or pay the lease fees. The aim of this work is to identify an honest and competent manager who is capable not only of cutting down trees, but also of performing silvicultural operations prescribed for the leased plot of forest land.

A number of subordinate acts have been passed at the regional level since the new Forest Code came into effect. Forest regulations for forest management areas of our department and the Forest Plan of the Kirov region have been approved, and the following important laws have been adopted: "On Norms of Timber Harvesting by Citizens for Personal Needs", "On Fee Rates for Citizens under the Agreement of Forest Sale for Personal Needs", "On Establishing Exceptional Cases for Harvesting Timber and Non-Timber Forest Resources", "On Procedures for the Harvest and Collection of Non-Timber Forest Resources", and "On Regulating Forest Relations on the Territory of the Kirov Region".

Forest-related industries aim to reduce the scale of roundwood export and to develop local integrated processing facilities. Currently, six large companies harvest timber as part of investment projects.

The total potential of these priority investment projects is estimated at 7.4 billion rubles. The daily allowable timber removal rate is 2.44 million m³.

The delegation of forestry powers to the regional authorities opens up a wide range of opportunities in forestry but also requires a high level of responsibility from all parties involved in forestry. "The Forestry Department of the Kirov region believes it is impossible to reject federal subventions completely," says Ravil Akhmadullin. "Subventions should be used to fund forest regeneration, wildfire prevention and fighting, state control and supervision in the forests, state fire control and supervision."

The new Forest Code holds the forest user responsible for forest management. Are the local leaseholders able to carry out additional commitments, are they successful in taking urgent measures in the forest, and how do the local authorities control the fulfillment of these obligations? So far, the Forestry Department has signed 650 forest lease agreements; the leased AAC is 4.4 million m³.

"I would like to point out that the department treats the leaseholder primarily as a partner," emphasizes the chief of the regional Forestry Department. "We make every effort to advise leaseholders in issues relating to forest management in the leased forest plot, provide methodological and information support, offer advanced training of leaseholders' staff in forestry and minimum technical training in issues of fighting wildfires."

The department shares responsibility with leaseholders for the decisions made and the results of activities and operations performed. It states that most leaseholders implement all planned management operations in full and within the timespan established by the lease agreements. Unfortunately, there are those (small in number) who fail to meet their commitments in full due to the complicated economic situation and sometimes due to the absence of skilled forestry specialists among their staff. There are also, however, some leaseholders who regard the lease simply as an opportunity to harvest timber for themselves. The department is prepared to accept the first two reasons and help leaseholders to overcome them, while the third case always leads to the termination of lease agreements.

Monitoring of the leaseholder's fulfillment of the terms and conditions of the lease agreement and the forest development project





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is implemented in accordance with the Federal Law "On the Protection of Rights of Legal Entities and Individual Entrepreneurs in State Control (Supervision) and Municipal Control." The leaseholders submit guarterly reports made in the prescribed format on the progress in use, regeneration, protection and guard of forests. Specialists of the department and forestry areas regularly audit the leased forest plots and check the performance under the lease agreement.

Department personnel are experienced at legally terminating lease agreements for failure to fulfill the requirements of such agreements, e.q. the leaseholder's failure to pay the lease fee to the budgets at all levels and perform forest management operations. Thirty-five lease agreements have been terminated since the new Forest Code came into effect.

One of the problems of the forestry industry in general is the shortage of managerial and technical staff. However, this is not the case for the Kirov region.

Future staff for forestry companies are trained at the Suvodsky Forestry College, the source of gualified manpower for forestry operations. For more than 100 years, it has been preparing specialists who occupy various positions in the forestry industry — not only in the Kirov region but also in neighboring regions. Moreover, the Forestry Department has an agreement with Mari El State Technical University on educating graduates of Suvodsky Forestry college and school leavers. Today, the department, including its territorial divisions in forestry areas, employs 161 people, of whom 140 have a university degree.

Ivan Yakubov

Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



INDUSTRIAL CLUSTERS FOR FORESTRY DEVELOPMENT

THE REVIVAL OF THE TIMBER INDUSTRY OF THE KIROV REGION CRUCIALLY DEPENDS ON THE BASIC INVESTMENT DIRECTIONS

The timber industry has always been and still remains the key factor of the region's economic growth. It has a great potential that is underused, in particular, by companies harvesting and processing timber.

Only a small portion of timber can be processed in the region due to the lack of corresponding facilities suitable for timber of varying quality. The shortage or absence of such facilities is evident in the sectors of low-grade, thin and soft-wooded broadleaved timber. Thus, the region needs further advancement in processing technologies and to focus on wood chemistry, which is the Achilles' heel of the local timber

industry.

At present, the forestry sector of the Kirov region is composed of the logging industry (harvesting and primary processing); woodworking industry (sawing, production of plywood, chipboard and fiberboard, millwork and structural elements, furniture, wooden packaging); pulp-and-paper industry and wood chemistry. All these industries are interrelated.

Timber production embraces 1,500 companies and over 960 individual entrepreneurs.

As of the end of 2009, the timber harvest was 7.9 million m³, which is 3.,d00 m3 more than thatfin 2008.

Plywood production is the fastest-growing industrial sector, continuously augmenting its output. In 2007, 10.,d00 m3 of plywood were produced (121.2s compared to 2005).

ThePproduction of chipboars and fiberboars also demonstrates rapid advancement. Panel production is a promising segment of the timber industry because it consumes low grade timber and wood waste. One of the most interesting projects is the manufacture of OSB extensively used in building construction. Several projects of OSB-plants are now under consideration in the Kirov region.

Furniture production is among the leading sectors of the local timber industry. The total output of Kirov enterprises was 5.7 billion rubles in 2008 (or 176%tof that in 2007). At present, a boom in the manufacture of semi-finished products for furniture, i.e. furniture panels including hardwood ones, is being observed. Large and medium furniture producers focus ontcase goode with facadestmade of solid wood, MDF and chipboards, veneered or filmed; kitchen furniture with solid wood facades or MDF facades covered with PVC films; solid wooden furniture (chairs, stools, tables); office furniture producedffrom chipboars and solid wood using traditional technologies and MDF using innovative technologies; school and kids' furniture produced using environmentally safe technologies; and upholstery.

The biggest furniture producers are concentrated in the cities of Kirovo-Chepetsk and Kirov. These are Lotus Company Group tcase goode), 000 tTs-5 (upholstery), Resource Company Group (kitchen cabinets), and 000 Fares (upholstery andtcase goode).

As these companies offer products in various price ranges using all kinds of materials and accessories, the cluster needs additional plantshthat could offer materials currently procured outside of the region (chipboars, MDF, fabric, and fittings). To create internationally competitive products, the clustersneeds access te cutting-edge innovative technologies. This may be achieved by attracting foreignspartners.

OUTLOOK OF FOREST USE

In the mid-term (2011-2015), the government is going to support those sectors of the economyhthat provide investment and market development opportunities and have relevant natural and human resources. The emerging manufacturing clusters will hava priority because they make the local economy more diversified

and stable and serve as an impetus for the development of medium and small businesses. A decrease in sales of local export-oriented timber companies due te lesser demand and interregional competition confirm the need for a bailout package. These measures should stimulate the local demand for paper products (chiefly in the construction sector) and support diversification projects for the major producershby creating larg timbel industry holdings and engaging medium and small businesses as outsourcers to perform auxiliary activities (e.g. forest regeneration wor, and waste managemen.).

Since 2009, the Kirov region has taken steps to stabilize the local economy. The new version of the "Action Plan for Ensuring Stable Functioning of the Economy of the Region," taking into account the Bailout Program of the Government of the Russian Federation, was approved. The law of the Kirov region No. 388-30 "On AdditionalsConditions and Other Terms of Deferral and (or) Installments for the Payment of Regional Taxes in the Kirov Region" was approved on June 4, 2009. This law establishes additionalsconditions (to those set out in the Tax Code of the Russian Federation) for deferral or payment in installments plans relating to the payment of regional taxes. It aims to lower the tax burden borne be companieshthat were forced to cut their output due to the recession but who took measures to retaie personnel.

LOW-RISE RESIDENTIAL HOUSE CONSTRUCTION

The existing timber industry, construction sector (log houses, glued laminated timber frame houses, wood panel houses), furniture industry and manufacture of household applianceswmake it possible to creage a center for the production of complete low-rise residential houses.

The region should have its own production chaiv: logging - advanced timber processing - prefabricated houss plant - turnkey delivery and assembly. The low-rise residential houses should rely on OSB and glued laminated timber. The wooden structures will meet the basic requirementsoof a modern house: affordability, comfort and fast assembly.

The region has an impressive stock of low-grade timber for OSB production.eThiseis planned to be produced by 000 Oris, while the glulam will be manufactured by 000 Stroyles, 0A0 Lesnoy Profil and OAO Shabalinsky DOZ.

projects.

The three woodworking-oriented zones in the Kirov region where several large projects are under implementationeare the nort-western, nort-eastern and central zones. The list of priority investment projects in the field of forest development of the RF Ministry of Industry and Trade includes five projects to be implemented in the Kirov region.sIn addition, another five projects are under approval by the regional government. The total cost of these investment projects is estimated at 17 billion rubles.

The table below shows the priority investment projects in the field of forest development being planned or carried out in the Kirov region. Despite the economic crisis, most projects are quite successful.

In December 2008, Vyatsky Plywood Mill was launched, creating 600 jobs. Construction was begun in 2007 and finished three months ahead of schedule. The annual capacity of the mill is 90,000 m³ of plywood. The total cost of the project exceeds 3 billion rubles, and the project has been fully completed.

Four projects have passed the initial construction stage, the construction sites are ready, and the equipment has been assembled. The new production facilities have already

swallowed more than 4 billion rubles. (000 Vyatsky Plywood Mill and 000 North-Western Forest Company). The expansion and



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Interior finishing materials are supplied by 000 Vyatsky Plywood Mill, OAO Krasnyi Yako, and OAO Poleko. Low-rise residential houses may bedfurnished with furnituredmade by ZAO MTs-5 (upholstery), 000 Lotus tcase goods furniture, and 000 Resurs.nIn view of the financial crisis, a manufacturing facility for pre-fabricated lowrise residential houses may appear only if it is backed by the government. AThe guarantee ofea state orderffoe products will help to implement the priority national project entitled "Affordable and Comfortable Housing for Russian Citizens" and thf "Moving Russian Citizens from Old andyDangerous Housing Stock" program, as well as encouraeing the growth of the local economy in general.

PRIORITY INVESTMENT PROJECTS

The basic mechanism of attracting solid investment to the forest sector is leasing forest with the aimoof carrying oue priority investment

VEKA HOUSES







Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region





Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



T Sandar	Company name	AAC use, thsd m ³	Investment, bln rub.	Order of the government of the Kirov region approving the application	Order of the Ministry of Industry and Trade on adding the project to the priority list
	000 North-Western Forest Company	203	1.33	No. 248 of 18.06.2008	No. 232 of 28.10.2008
	000 Stroyles	100	0.37	No. 297 of 21.07.2008	No. 155 of 24.09.2008
	ZAO Krasnyi Yakor	600	1.03	No. 438 of 17.10.2008	No. 16 of 26.01.2009
Soften Co	0A0 Lesnoy Profil	242.4	0.58	No. 485 of 21.11.2008	Under consideration
	000 Vyatsky Plywood Mill	658	2.80	No. 447 of 23.10.2008	No.129 of 12.03.2009
	0A0 Shabalinsky D0Z	89.3	0.31	No. 566 of 31.12.2008	No.1206 of 30.12.2009
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refurbishment of the existing facilities required 400 million rubles and an additional 600 million rubles will be invested in the near future (ZAO Krasnvi Yakor).

Investors are developing their own forest resource base by purchasing harvesting machines and creating highly efficient logging enterprises. The budget of these projects has reached 25 million rubles (000 Stroyles).

Road building plans are ready, and the cost of road construction equipment, building and repair of roads amounting to 25 million rubles will be paid by 000 North-Western Forest Company.

Investors have received 1.4 million m3 of timber stock for harvest for ensuring the continuous work of the new plants.

Adding the projects to the priority list and providing areas designated for cutting on attractive terms is the federal center's contribution to the advancement of the timber industry of the Kirov region.

BIOENERGY

The timber industry of the Kirov region faces a major problem: aspen has no market, while softwoods and birch are in stable demand. Lowgrade unwanted timber is left on the cutovers because its removal is unprofitable.

Thus, the issue of cutting waste management and processing of low-grade timber - in particular to produce biofuel - is becoming quite urgent, especially in view of the fact that the prices for traditional energy resources (electrical power, oil etc.) are high.

According to the technological standards applied by the timber companies, permissible logging residues are 20%, edgings are 35-55% of the product volume, the waste of plywood production is 60% of the volume of the input, and the waste of millwork and furniture production is 50% of the volume of products. Some percentage of

waste is reused to produce panels. Most of it, however, is thrown out or left on the cutovers.

the Ministry of

The unused potential bioenergy stock may enable the local timber industry to develop new markets. If properly used, it may yield electrical power that could be used for solving a number of social, environmental and economic problems. Several plants for producing wood bricks and pellets have been built in the Kirov region: Two pellet plants are operating in the Murashi district (000 Murashinsky BTZ and OOO Maysky BTZ).

The development of bioenergy will also help to handle the issue of the development and processing of aspen and other overmature (mainly broadleaved) stands that are unsuitable for commercial harvest. For this purpose, some boiler houses have been adjusted to consume local fuels, and large timber-processing plants changed to waste-free technologies (OAO Krasnvi Yakor).

Analysis conducted by specialists of the Department of Industrial Development of the Kirov region showed that the effective use of AAC may yield nearly 3 million m³ of lumber per year, including 2 million m³ of softwood lumber, 630,000 m³ of plywood, 700,000 tons of market pulp, 2 million m3 of chipboard and 1 million m3 of fiberboard. The region sees cooperation with foreign investors as an opportunity to fuel the development of the timber industry. The experience and capital of foreign investors, combined with the forest resources of the Kirov region, may serve as the basis for new mutually beneficial projects of advanced timber-processing.

The region has effective legislation on the support of private investors. An advantageous geographical location, raw materials base, transport routes and skilled manpower make the Kirov region guite attractive for launching new facilities to supply pulp-and-paper products, chipboard, plywood and wooden houses.

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Kirov Forestry College



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Director Vladimir Nikolaevich Chajnikov 610027, Kirov, Ul. Karla Marxa, 115, Tel.: +7 (8332) 678668, 372266, klpk@inbox.ru, www.kirovlpk.ru

SKRIPKO WOODEN HOUSES









CENTRA FEDERAL DISTR		ENTERPRISE	S		***
Bryansk		OF THE KIR	OV REGION		V.
Region		Name	Activity	Address	Contacts
		Agroles, 000	Lumbering. Wood-sawing: saw timber	613711, Murashinsky Rayon, Der. Kommuna, 5	Tel. +7 (83348) 21974, oooagroles@yandex.ru
Kaluga		Aksioma (Sole Trader Konskaya)	Furniture production	610035, Kirov, Ul. Bazovaya, 12A	Tel.: +7 (8332) 703395, 703262, aksikupe@mail.ru, www.aksi.su
Region		Almis PKP, 000	Lumbering. Wood-sawing: saw timber	610000, Kirova, Ul. Gertsena, 21	Tel.: +7 (8332) 708251, 708252, almis@wd.kirov.ru, www.almiswood.com
Kostroma		Albera, 000	Wood-sawing	610020, Kirov, Ul. Karla Marxa, 4	Tel. +7 (8332) 785855, ludmila_gmyzina@hotmail.com
Region Moscow		Alyans-Les (Sole Trader Lobatova)	Wood-sawing: saw timber, moulded strips. Woodworking: glue beam, window and door block, wooden package, and pallets	613047, Kirovo-Chepetsk, OPS #7, P.O. Box 659	Tel./fax +7 (83361) 54328, alyansforest@mail.ru, www.alyansles.ru
Region		AMA, 000	Furniture production	610014, Kirov, Ul. Popova, 61	Tel. +7 (8332) 565126, ok@ama.kirov.ru
Vladimir		Bekla-Favorit, ZAO (matches plat)	Woodworking: matches production	613153, Slobodskoi, Ul. Slobodskaya, 53	Tel. +7 (83362) 49260, Fax: +7 (83362) 49380, 49174, spichki@inbox.ru
Region	R	Beryozovsky Lespromkhoz, OAO	Lumbering, wood-sawing	613810, pgt Oparino, Ul. Stakhanovkaya, 2	Tel.: +7 (83353) 22150, 22155, 22154, ber2014@yandex.ru
Yaroslavl	<u>erio</u>	Betula, 000	Wood-sawing	610035, Kirov, Ul. Bazovaya, 17	Tel. +7 9226638430, Fax +7 (8332) 703431, doskihlyov@mail.ru
Region	×	Bor, 000	Lumbering, wood-sawing	612074, Orichevsky Rayon, Pos. Suvodi	Tel./fax: +7 (83354) 34104, 21004, ktv110673@mail.ru
	n	Bor-Plus, 000	Lumbering	612040, Pos. Svecha, Ul. Kommunisticheskaya, 8	Tel. +7 (83358) 21927
VOLGA FEDERAL DIST	RICT	Beta, 000	Lumbering. Wood-sawing: saw timber	612730, Omutninsky Rayon, Pos. Peskovka, Ul. Vetvinova, 70	Tel. +7 (83352) 36385, beta@pochta.ru
Kirov	*	Vazyuk-Les, ZAO	Lumbering	613800, Oparinsky Rayon, Pos. Vazyuk, Ul. Mira, 2	Tel./fax: +7 (83353) 71231, 71233
Region	S.	Vaima Plus, 000	Wooden house construction	610000, Kirov, Ul. Lomonosova, 9	Tel.: +7(8332) 788793, 89226688793, 250202@mail.ru, www.vaima.ru
Nizhny		Varman, 000	Lumbering	612534, Uninsky Rayon, Der. Chuvashi, Ul. Profsoyuznaya, 31	Tel./fax: +7 (83359) 32185, 32110
Novgorod Region		VEGA, 000	Wood-sawing: saw timber	610002, Kirov, Ul. Blyukhera, 8	Tel. +7 (8332) 676406
		Velon, 000	Wooden house construction: houses from glue beam	610033, Kirov, Ul. Moskovskaya, 122	Tel.: +7 (8332) 525570, 789117, wood43@narod.ru
Perm Krai	1946/	Viking, 000	Lumbering	612300, Pos. Kiknur, Ul. Sovetskaya, 71	Tel./fax: +7 (83341) 51902, 51861, viking_kik@mail.ru
KLQ]	77	Vondanskoie, 000	Wood-sawing: saw timber	612140, Darovskoi, Ul. Zarechnaya, 88	Tel. +7 (83336) 22730
Republic of		Vostok, 000	Wood-sawing: saw timber. Wooden house construction	613200, Belaya Kholunitsa, Ul. Enthusiastov, 14A/2	Tel./fax +7 (83364) 49470, shitovvasilij@yandex.ru
Bashkortostar		Vecodom, 000	Wood-sawing: saw timber, building moulded strips, and logs. Wooden house construction	613440, Nolinsky Rayon, Der. Ryabinovschina, Ul. Rukhlyadeva, 8	Tel./fax: +7 (83368) 22189, 21561, gmyzin@vecodom.ru, www.vecodom.nolinsk.ru
Republic	AS	Vyatdomstroi, 000	Lumbering, wood-sawing. Wooden house construction	613601, pgt Jurja, Ul. Kalinina, 2	Tel. +79127171761, domvds@mail.ru
of Tatarstan		Vyatsky Dom, 000	Wooden house construction. Wood-sawing: saw timber	610002, Kirov, Ul. Svobodi, 130	Tel.: +7 (8332) 372374, 373025, vyatdom@rambler.ru, www.vyatdomkirov.ru
Ulyanovsk	AT La	Vyatka Building Company, 000	Wooden house construction	610004, Kirov, Ul. Zavodskaya, 47Б	Tel./fax: +7 (8332) 350372, 358800, dom382@yandex.ru, www.stkdom.ru
Region		Vyatka-Don-Stroi, 000	Wooden house construction	610046, Kirov, Ul. Moskovskaya, 102B	Tel./fax +7 (8332) 517188, vyatkadonstroy@mail.ru, www.vds43.ru

Name	Activity Weadan house construction	Address	Contacts
Vyatskaya Building Company, 000	Wooden house construction	610000, Kirov, Ul. Lenina, 79	Tel./fax: +7 (8332) 322621, 32262 000_vsk@mail.ru, www.vsk.gk43.r
Vyatsky Plywood Mill, 000	Woodworking: plywood. Bioenergy: wooden fuel briquettes	610013, Kirov, Novoviatsky Rayon, Ul. Kommuni, 1	Tel. +7 (8332) 713800, Fax +7 (8332) 713888, vfk@kirovcity.ru
Skripko Wooden Houses, 000	Wood-sawing: saw timber. Wooden house construction	613200, Belaya Kholunitsa, Ul. Yubileynaya, 45	Tel.: +7 (83364) 41692, 41656, brevno2005@yandex.ru, www.izba.kirov.ru
Diros, 000	Woodworking: wooden windows and doors	610046, Kirov, UL. R. Yerdyakova, 42	Tel. +7 (8332) 252525, Fax +7 (8332) 534277, diros.kirov@mail.ru
Belokholunitsky House-Building Plant, 000	Wood-sawing: saw timber and moulded strips. Wooden house construction: houses from glue beam	613200, Belaya Kholunitsa, Ul. Naberezhnaya, 44	Tel.: +7 (83364) 41040, 41816, Fax +7 (83364) 41635, admin@bdsk.ru , www.bdsk.ru
Veka Houses, 000	Wooden house construction: log houses	610000, Kiov, Ul. Komsomolskaya, 89	Tel. +7 (8332) 560198, proekt012@yandex.ru, www.domvek.ru
Domostroitel, OAO	Bioenergy: fuel briquettes. Wood-sawing: saw timber and pulpchips. Woodworking: furniture shield, pallets, and wooden package. Furniture production	612950, Vyatskopolyansky Rayon, Pos. Krasnaya Polyana, Ul. Druzhbi, 1	Tel +7 (83334) 53001, Fax +7 (83334) 53101, office@domo.kirov.ru, www.domo.kirov.ru
Domoff, 000	Wooden house construction	610000, Kirov, Ul. Kraina, 5/1	Tel.: +7 (8332) 468720, 547640, +79128268722, domoffkirov@mail. www.domoff.info
Domus, 000	Wooden house construction: glued beam and log houses	610017, Kirov, Ul. Gorkogo, 5	Tel./fax: +7 (8332) 405540, 40566 dom@domus.kirov.ru, www.domussk.ru
Zuevsky Wood- Sawing Mill, 000	Wood-sawing: saw timber	612410, Zuevka, Ul. Vodoprovodnaya, 12	Tel./fax +7 (83337) 20524
Ivanovsky Forestry, 000	Lumbering	613710, Murashi, Per. Yuzhny, 14	Tel.: +7 (83348) 22289, 21289, Fax +7 (83348) 22223, ooolzk@mail.ru
Kaiser Dom, 000	Wooden house construction: houses from logs and glue beam	610046, Kirov, Ul. Moskovsakaya, 102B	Tel./fax: +7 (8332) 517217, +79091430534, severles43@mail.r www.severles43.ru
Kwalitet, 000	Wood-sawing: saw timber and building moulded strips. Woodworking: glue beam. Wooden house construction	610046, Kirov, Oktyabrsky Pr., 116A	Tel./fax +7 (8332) 711768, kwalitet_dom@mail.ru, www.kwalitet.ru
Kilmezsky Forestry Complex, OAO	Lumbering, wood-sawing	613570, pgt Kilmez, Ul. Naberezhnaya, 26	Tel. +7 (83338) 21175, Fax +7 (83338) 21278
Kirovles, KOGUP	Lumbering	610026, Kirov, Avtotransportny Per., 4	Tel.: +7 (8332) 675000, 675392, 675400, kirovselles@rambler.ru
Kirovsky MDK, OAO	Wood-sawing. Wooden house construction. Furniture production: kitchens	610007, Kirov, Ul. Lesozavodskaya, 10A	Tel. +7 (8332) 370228, Fax +7 (8332) 644273, kmdk@yandex.ru, www.favorkuhni.ru
Kodek, ZAO	Wood-sawing: saw timber, logs. Wooden house construction	610017, Kirov, Ul. Vorovskogo, 48	Tel.: +7 (8332) 576857, 578910, kodek@firm.kirov.ru, www.komidom.ru
Novaya Vyatka Wood-Based Panels Mill, OAO	Woodworking: fiberboard	610013, Kirov, Ul. Kommuni, 1	Tel.: +7 (8332) 317823, 317851, Fax +7 (8332) 317706, secretar@kdpnv.ru
Konsstandart (Sole Trader Shabulin)	Wooden house construction	610000, Kirov, Ul. Luganskaya, 47A	Tel.: +7 (8332) 233633, 462864, konsstandart@mail.ru, www.konsstandart.ru
Kontur Furniture (Sole Trader Petukhov)	Furniture production	610902, Kirov, Pos. Poroshino, Ul. Poroshinskaya, 41A	Tel.: +7 (8332) 507326, 643940, Fax +7 (8332) 507290, kontur_meb@mail.ru
Corporation-Les, 000	Wood-sawing: saw timber and moulded strips	610035, Kirov, Ul. Proizvodstvennaya, 39A	Tel.: +7 (912) 8275553, 7344464, kles43@yandex.ru, www.kles43.ru
Kosinskaya Paper Mill, OAO	Pulp-and-paper: paper and cardboard	612425, Zuevsky Rayon, Pos. Kosino, Ul. Kommuni, 1	Tel./fax: +7 (83337) 27541, 27291 cosa@kbf.kirov.ru
Kotelnichesky Mast- Impregnating Plant, ZAO	Woodworking: columns, masts and wooden cradles for power lines	612600, Kotelnich, Ul. Polosa Otvoda, 13	Tel.: +7 (83342) 40661, 40148, kmpz@mail.ru, www.kmpz.su

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VYATSKY PLYWOOD MILL







RUSSIAN REGIONS: VOLGA FEDERAL DISTRICT

CENTRA FEDERAL DIST	L RICT
Bryansk Region	
Kaluga Region	
Kostroma Region	
Moscow Region	
Vladimir Region	
Yaroslavl Region	
VOLGA FEDERAL DIST Kirov Region	
Nizhny Novgorod Region	
Perm Krai	
Republic of Bashkortosta	
Republic of Tatarstan	

Ulyanovsk	
Region	

L	Name	Activity	Address	Contacts
ICT	Krasny Yakor, ZAO	Woodworking: plywood	613152, Slobodskoi, Ul. Sovetskaya, 132	Tel.: +7 (83362) 44081, 43534, 44350, fanera@jakor.kirov.ru, www.jakor.ru
State 1	KSV, 000	Wooden house construction	610002, rKirovo-Chepetsk, S. Pasegovo, P.O. Box 2059	Tel.: +7 (8332) 591555, 782011, ksvdom@ksvdom.ru, www.ksvdom.ru
	Lalskaya Paper Mill, OAO	Pulp-and-paper: paper and cardboard	613967, Luzsky Rayon, pgt Lalsk, Ul. Gagarina, 36	Tel. +7 (83346) 31601 Fax: +7 (83346) 31133, 31505, lalskbum@yandex.ru
Series.	Lamil, 000	Wood-sawing: saw timber	612300, pgt Kiknur, Ul. Gagarina, 15	Tel./fax +7 (83341) 52354
	Leskom, 000	Wood-sawing: saw timber	610033, Kirov, Ul. Moskovskaya, 122	Tel. +7 (8332) 525570
	Lesnoi House Viant, 000	Wooden house construction	610000, Kirov, Ul. Poroshinskaya, 20	Tel.: +7 (8332) 507192, 401730, Fax +7 (8332) 507330, vianld@yandex.ru
AN AND	Lesnoi Profile, OAO	Wood-sawing: saw timber	610046, Kirov, Zagotzernovsky Proezd, 8	Tel.: +7 (8332) 675104, 644983, Fax +7 (8332) 649888, lesnoy@profil.kirov.ru
alla	Lesstandart, 000	Wood-sawing: saw timber	612607, Kotelnich, Ul. Lermontova, 27	Tel. +7 (83342) 44956, vg_1962@mail.ru
	Lesstroi, 000	Wooden house construction	610001, Kirov, Oktyabrsky Pr., 149	Tel./fax: +7 (8332) 577970, (909) 1304242, dok.son@mail.ru, www.lst43.ru
de	Lesexport, 000	Wood-sawing: saw timber	610006, Kirov, Oktyabrsky Pr., 24	Tel. +7 (8332) 491028, 491028@mail.ru
R	Lotusmebel, 000	Furniture production: casegoods	610042, Kirov, Ul. Narodnaya, 28/1	Tel./fax +7 (8332) 529999, otus@lotus.kirov.ru, www.lotusmebel.ru
	Maiskles, OAO	Wood-sawing: saw timber. Bioenergy: wood charcoal	613750, Murashinsky Rayon, Pos. Bezbozhnik, Ul. Pochtovaya, 23	Tel.: +7 (83348) 67175, 67755, Fax +7 (83348) 67735, mayskles@mail.ru
*	Mebelschik, 000	Furniture production	612270, Orlov, Ul. Gorkogo, 27	Tel.: +7 (83365) 21140, 21350, Fax +7 (83365) 21168
RICT	Medved, 000	Wood-sawing: saw timber	613044, Kirovo-Chepetsk, OPS №14, P.O. Box 411	Tel.: +7 (83361) 92816, 29303, Fax +7 (83361) 34248, ooomedved@narod.ru, www.ooomedved.narod.ru
*	MZ-5, ZAO	Furniture production: casegoods and soft furniture	613048, Kirovo-Chepetsk, Ul. Proizvodstvennaya, 2	Tel./fax +7 (83361) 52973, mz5@mz5.ru, www.mz5.ru
-t-	HB, OAO (HOLZBALKEN)	Woodworking: glue beam. Wooden house construction	612080, Orichevsky Rayon, pgt Orichi, Ul. Komsomolskaya, 15K	Tel./fax: +7 (83354) 22996, 22008, info@holzbalken.ru, www.holzbalken.ru
	Novovyatsky Ski Mill, OAO	Production of skis, chipboard, laminated chipboard and furniture shield	610008, Kirov, Ul. Sovetskaya, 28	Tel./fax +7 (8332) 309800, nlk@nlk.ru, www.nlk.ru
	Nolinskaya Timber-Processing Company, 000	Wood-sawing: saw timber. Wooden house construction	613440, Nolinsk, Ul. Dzerzhinskogo, 45	Tel. +7 (83368) 21400, nlpk@mail.ru, www.nlk.nm.ru
Q990	Okimo RSU, 000	Wooden house construction: log houses	610017, Kirov, Ul. Molodoi Gvardii, 57A	Tel.: +7 (8332) 640620, 642406, mail@okimogroup.ru, www.okimo.ru
	Olimp, 000	Wood-sawing: saw timber and logs	612410, Zuevka, Ul. Vodoprovodnaya, 10	Tel. +7 (83337) 20505
	Oparinski Logging Enterprise, ZAO	Lumbering	613810, Pos. Oparino, Ul. Zheleznodorzhnaya, 23	Tel. +7 (83353) 22409, Fax +7 (83353) 22486, oparinoles@mail.ru
	0ris, 000	Wood-sawing	610027, Kirov, Ul. Karla Marxa, 99	Tel. +7 (8332) 204060
	Orlovagroservis, OAO	Wooden house construction. Saw timber: moulded strips, beam, and plinth	612270, Orlov, Per. Lozhkina, 10	Tel. +7 (83365) 21440, Fax +7 (83365) 21464, orlovser@inbox.ru, www.orlovagroservis.ru
(J)	Pervomaisky Logging Enterprise, 000	Lumbering	613200, Belaya Kholunitsa, Ul. Glazirina 122	Tel. +7 (83364) 41559, Fax +7 (83364) 41609
A La	Poleko, OAO	Woodworking: fiberboard	613911, Podosinovsky Rayon, Ul. Stroitelnaya, 30	Tel.: +7 (83351) 25735, 21390, poleko@poleko.kirov.ru
	Progress, 000	Wood-sawing: saw timber. Furniture production	613930, Podosinovsky Rayon, Pos. Podosinovet, Ul. Rabochaya, 2	Tel./fax +7 (83351) 21831, progress@service.kirov.ru

Name	Activity	Address	Contacts
Profile-D, 000	Lumbering. Wood-sawing: saw timber. Wooden house construction	613600, pgt Jurya, Ul. Kalinina, 78	Tel.: +7 (83366) 22114, 21859, Fax +7 (83366) 20514, profild.profil@mail.ru, www.profild.
Resurs-Furniture, ZAO	Furniture production: solid wood furniture from birch and pine	613020, Kirovo-Chepetsk, pr. Rossii, 13	Tel. +7 (83361) 3427, Fax: +7 (83361) 34289, 34272, sosnova@mail.ru, www.sosnova.ru
Ronir, 000	Wood-sawing: saw timber and slice-goods	613111, Slobodskoi Rayon, Pos. Vakhrushi, Ul. Kirova, 20	Tel.: +7 (8332) 784299, (922) 6673700, 5forest@rambler.ru www.ronir.ucoz.ru
Severny Dom Lux, 000	Wooden house construction: log houses	610020, Kirov, Ul. Karla Marxa, 32	Tel. +7 (8332) 469943, Fax +7 (8332) 357280, ozilkirov@mail.ru, www.nhouselux.
Severny Les, 000	Wood-sawing: saw timber and logs. Wooden house construction	613641, Juryansky Rayon, Pos. Murigino, 25	Tel./fax: +7 (83366) 27163, (912) 7343281, severles@mail.ru, www.severles.com
Northwest Timber Company, 000	Wood-working: plywood	610002, Kirov, Ul. Volodarskogo, 145A	Tel.: +7 (8332) 671923, 373598, (922) 9300807, Fax +7 (8332) 676742, kadr@upgweb.com
Slobodskaya Furniture, 000	Wood-sawing: saw timber. Furniture production	613154, Slobodskoi Rayon, Slobodskoi, Ul. Ya. Raynisa, 11	Tel.: +7 (83362) 40569, 41951, 4250 mebel@mail.ru, www.slobmebel.ru
Sosnovski Plant of Building Structures, 000	Wooden house construction: shield houses. Wood-sawing: saw timber and joinery	612990, Vyatsko-Polyanski Rayon, Sosnovka, Ul. Zavodskaya, 31	Tel.: +7 (83334) 31845, 31084, Fax +7 (83334) 30514, ooo.zsk@inbox.ru
Stella, 000	Wood-sawing: saw timber	610037, Kirov, Ul. Skladskaya, 8A	Tel. +7 (8332) 472330, eurostella@yandex.ru
Stroyinvestdom, 000	Wood-working: sandwich- panels	610014, Kirov, Ul. Schorsa, 26	Tel. +7 (912) 7220344, Fax +7 (8332) 632086, stroyinvestdom@rambler.ru
Stroyinterier, 000	Woodworking: room-divider doors	610014, Kirov, Ul. Potrebkooperazii, 20	Tel. +7 (8332) 558101, Fax +7 (8332) 558252, str_int@mail.ru, www.str43int.ru
Stroiles, 000	Wood-sawing: saw timber	610039, Kirov, Ul. Moskovskaya, 122	Tel. +7 (8332) 621654, wood43@narod.ru
Stroiservice, 000	Wood-sawing: saw timber and logs	612270, Orlov, Per. Lozhkina, 10	Tel.: +7 (83365) 21456, (912) 72952 GulinaT2009@yandex.ru
Taik21, 000	Wooden house construction: frame-houses. Woodworking: windows and doors from solid wood	610912, Kirov, Pos. Doronichi, Ul. Oktyabrskaya, 4	Tel.: +7 (8332) 554117, 554186, taik21@mail.ru
Triada, 000	Деревообработка: glue beam	610002, Kirov, Ul. Lenina, 88	Tel.: +7 (8332) 649783, 385806, pkb.pkb@mail.ru
Comfortstol, 000	Furniture production: tables and chairs	610006, Kirov, Ul. Severnoie Kolzo, 25	Tel.: +7 (8332) 479907, 479982, Fax +7 (8332) 363097, stol2007@mail.ru, www.comfortstol.com
Phares, 000	Furniture production: casegoods and soft furniture	610029, Kirov, Pos. Ganino, Ul. Fabrichnaya, 19	Tel.: +7 (8332) 557700, 557704, pharesmarketing@mail.ru, www.phares.ru
Matches Plant Fenix, 000	Woodworking: veneer and matches	610004, Kirov, Ul. Krasnoi Zvezdi, 17	Tel.: +7 (8332) 622092, 350213, Fax +7 (8332) 350139, fmatch@rambler.ru, www.feniksmatch.com
Forest, 000	Wood-sawing: saw timber and logs	612540, pgt Uni, Trakt Uni- Porez, 18	Tel. +7 (83359) 21555, forest_uni@mail.ru
Shabalinsky DOZ, 000	Wood-sawing: saw timber and moulded strip. Woodworking: plywood	612020, Shabalinsky Rayon, pgt Leninskoye, Ul. Frunze, 49	Tel./fax: +7 (83345) 21733, 21948, valval@bk.ru, doz_wood@bk.ru
Эверест, 000	Wood-sawing: saw timber	613152, Slobodskoi, Per. Bakulevsky, 2	Tel. +7 (83362) 43723, bor5@mail.ru
Elit, 000	Wooden house construction: house and hand-made log- banyas	610000, Kirov, Ul. Lenina, 39A	Tel. +7 (8332) 466911, srub@xkirov.ru, www.srub.xkirov.ru
Yumax, 000	Wood-sawing. Saw timber: block-house, moulded strips, logs.Wooden house construction	613310, pgt Verkhoshizhemie, Ul. Kurenskaya	Tel./fax: +7 (83335) 21686, yumax@bk.ru, www.yumaxdom.ru

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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region



Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



The Nizhny Novgorod region is located almost in the center of the European part of the Russian Federation, on the east European plain. The region is equally distant (over a thousand km) from the western, northern and southern seas. The general relief is a rolling plain with hills in some places.

NIZHNY NOVGOROD REGION

The whole history and life of the Nizhny Novgorod region is closely

connected with Russia's main river - the Volga. It divides the region into two natural zones providing suitable environmental conditions for the

forests of Nizhny Novgorod, while the Volga's navigability enables the fast

delivery of timber products to any port worldwide.

While limited in minerals, the Nizhny Novgorod

region is fortunate in that it is the center of

the Volga federal district and the Volga-Vyatka

economic region, and has significant forest

resources, a highly-developed processing industry

The region is part of the Volga federal district

and the Volga-Vyatka economic region, and

and the Vladimirskaya and Ivanovskaya regions

in the west. The region stretches for over 400

km from north to south, for almost 300 km from

east to west, and occupies an area of 76,600 km².

The population of the Nizhny Novgorod region

is 3.3 million people. About one third of the

population lives in the city of Nizhny Novgorod,

which since 2001 has been the capital of the

Volga federal district. The proportion of the

urban population in the region is guite high -

78.9% — largely due to the center of the region.

There are four cities of regional importance

and 48 districts, including 78 towns and 532

villages. The region is in the same time zone

The post of governor has been held since 2005

by Valery Shantsev, who was previously a deputy

GEOGRAPHICAL LOCATION

as Moscow.

mayor of Moscow.

AND CLIMATE

and transport infrastructure.

ADMINISTRATIVE SYSTEM

The climate is temperate continental. Summer is relatively warm with an average July temperature of +19 °C; the winter is cold, long and snowy with an average January temperature of -12 °C. It is slightly warmer in the center and south of the region than in other parts. Average annual precipitation is approximately 500 mm, and the distribution is uneven: precipitation is higher in the northwest, while drought occurs in the southeast.

The soils are mainly sod pod, podzolic and grey forest soil. The northern border of the famous Russian chernozem (black earth region) also runs through the territory of the region.

Water covers 1.2% of the region's territory. The Volga, the biggest river in Europe, separates the region into two parts: the left-bank lowlands (Zavolzhye) and right-bank uplands, which are hilly and jagged with gullies and ravines. Altogether, over 9,000 rivers with a total length of 32,000 km (600 of them over 10 km long) flow through the territory of the region. Beside the Volga, the famous rivers of the Nizhny Novgorod region include the Oka, Vetluga, Kerzhenets, Uzola, Linda, Sura, Kudma, Sundovik, Tesha and the Pyana. There are about 3,000 lakes and reservoirs in the territory of the region.

Good soil, a temperate climate and plenty of water resources make for the active growth of forests in the Nizhny Novgorod region. The region is situated in south taiga, mixed and broad-leaved forest zones. Forests cover a little more than one half of the area and are irregularly located: forest cover varies from 1% in the southeastern parts to 80% in the northern areas. Coniferous and mixed forests prevail in Zavolzhye, while the right riverbank features oak forests and meadow steppes. On the flat watersheds and in the lowlands there are a fair number of swamps.

Large-scale enterprises of Nizhny Novgorod Region

Sokolsky Les, OOO Rosplit Plywood Mill, OOO

Zavolzhsky Woodworking Plant, ZAO Volga, OAO (Balakhninsky Paper Mill 78 DOK N.M., ZAO Bumsnab, OAO MKD, OAO Nizhegorodsky Cardboard-Ruberoid Plant, OAO

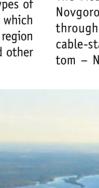
Vyksales, OAC

Vyks

The region boasts the Ichkalovsky wildlife preserve, the Kerzhensky reserve and the Pushkin reserve museum, as well as a great number of nature sanctuaries. Currently, there are 388 protected territories and 102 protective zones covering 72,622 ha, which together occupy 7.5% of the region's area.

TRANSPORT

The Nizhny Novgorod region's transport hub is one of the busiest in the country. All types of transport are very well developed here, which enables convenient connections with any region of the Russian Federation, CIS states and other foreign countries.

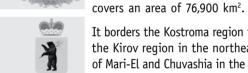


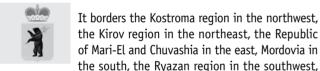


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The transportation network of the region includes over 13,000 km of roads, 1,039 km of navigable waterways, and 1,234 km of railway lines. The railway network density in the region is 3.2 times higher than the Russian average.

Ninety five percent of the regional highways are hard-surface roads, which connect all the district centers with each other and with Nizhny Novgorod.

The Moscow - Nizhny Novgorod and Nizhny Novgorod – Saransk federal highways pass through the territory of the region, and a cable-stayed bridge was launched on the Mutom - Navashino highway in 2009.





Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

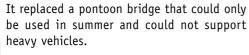


Perm Krai



Republic of Tatarstan

Ulyanovsk Region



River transport plays an important role in regional life. The Volga River, its major right tributaries the Oka and the Sura, and its left tributary the Vetluga are navigable. During Soviet times, the main cargo and passenger carrier was Volga Incorporated River Shipping Lines, which serviced the economic and transport demands of five Soviet republics and of eleven Volga regions. Upon completion of its privatization in 1994, three ports, three shipping companies, one shipping line and 25 fleet maintenance organizations

were established on the basis of the company. During the navigation period, it is possible to organize the direct shipment of various goods between the Nizhny Novgorod region and any port on the White, Baltic, North, Black, Marble and Mediterranean seas. This is far cheaper than cargo carriage by any other mode of transport.

The air gateway to the region is Strigino international airport, located 12 km from Nizhny Novgorod. It is one of the oldest airports in Russia, and owing to its proximity to the Russian capital, the airport is a main emergency aerodrome of the Moscow aviation hub. Strigino works with both Nizhegorodskive Airlines and with other air companies, including foreign ones.

MINERAL RESOURCES

The Nizhny Novgorod region is not rich in minerals. It has no oil, gold or coal that could have ensured stable budget revenues. The region does however have many non-metallic mineral resources.

Mortar sand is widespread. Twenty-one carbonaceous rock fields have been explored for ballast stones and dolomite powder production (mainly in the south of the region). The Chernukhinskoye dolomite field is under exploitation in the Arzamas district, and substantial reserves of quartz sand (53.8 million m³) and clay (17.8 million m3) have been identified in the Ardatovsky district.

Four deposits of gypsum and cube spar are being explored in the southern and the central parts of the region, while the northern areas are rich in peat and sapropel. It should be noted that peat digging was drastically reduced in the beginning of 2000 in connection with both major work to protect the swamps and with a general decline in the peat industry. In the north, in the Koverninsky district, there are large reserves of rock-salt. The Itmanovskava deposit, containing 67 million m³ of titanium-zirconium ores, is located in the Pyana river basin. The deposit is one of the five biggest deposits of titanium and zirconium in Russia.

There are also fields of clay loams: the Sosnovskove (with balance reserves of 788,000 m³) and the Koverninskoye deposit (with balance reserves of 361,000 m³).

The region is well supplied with good underground water. Among mineral underground waters, the most widely used is low-mineralized sulphate drinking water. Chloride, sodium and bromine brines are also available.

INDUSTRY

Despite the fact that the Nizhny Novgorod region has no significant resources of raw materials, it is considered to be one of the most economically developed regions of the Russian Federation and ranks among the largest industrial centers with a major share of the processing industry in the country's economy. The region is in the top ten Russian regions in terms of the volume of dispatched manufactured goods and of the development of small businesses, which employ over a guarter of the economically active local population.

The annual growth of the gross regional product (GRP) comprises 107 to 108%. The share of the Nizhny Novgorod region in the cumulative GRP is approximately 2%.

The key industries of the region are machine engineering and the metalworking industry, producing motor cars and trucks, buses, automobile assembly lines, caterpillar tractors, various equipment and parts, aircrafts, sea and river vessels.

The following machine-building enterprises are the most well-known: OAO GAZ, PO Nizhegorodsky Machine-Building Plant, OAO Nizhny Novgorod Aircraft building plant SOKOL, PO Krasnoye Sormovo Plant, AO Nizhny Novgorod Nitel Plant, etc.

The chemical, timber, pulp-and-paper, consumer goods and food industries are also among the most highly developed sectors. The Nizhny Novgorod Hydroelectric Power Plant operates in Zavolzhye, and last year celebrated its 50th anniversary. The region fosters export relations with 125 countries and actively seeks to attract both Russian and international investors.

FORESTS ARE LET OUT ON LEASE

The forests of the Nizhny Novgorod region occupy about 4 million ha, or 53% of the region's total area, and are distributed irregularly: forest cover ranges from 1% in the southeastern parts to 80% in the northern part of the region.

According to data, as of January 1, 2010, the area of forest lands is equal to 3,805,600 ha. The total standing volume is 558.6 million m³. Coniferous forests cover 50.6% of the total wooded area, soft-wooded broadleaved forests cover 47.5%, and hardwood forests cover 1.9%. The accessibility of the forests by transport is noteworthy. There is a well developed road network in the Nizhny Novgorod region, including forest roads, which is favorable for forest management. The length of the forest roads in forest districts is 27.400 km. 2.800 km of which are hard-surfaced roads. 18,200 km of roads are used all year round. However, the situation differs greatly from one forest district to another. For example, the Voskresenskove forestry has 1,990 km of roads, while the Nizhegorodskove forestry has only 108 km, i.e. 18.4 times less.

The Nizhny Novgorod region is a unique region, with virtually all the natural zones of European

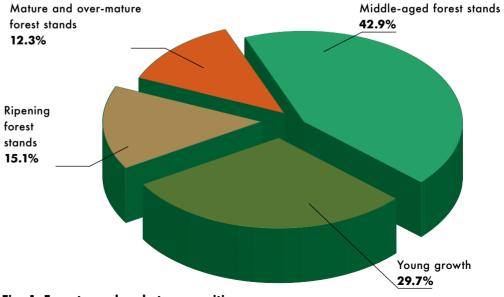


Fig. 1. Forest age-bracket composition













Russia represented there: forest-steppe, taiga, and mixed and coniferous-broadleaved forests. A large number of tree species grows within the natural boundaries of their areal, including maple, linden, larch, elm and ash.

Favorable climate conditions ensure a high increment of the growing stock and makes for top-quality wood.

The region also develops forest use for recreation activities. In 2009, 36 forest sites with a total area of 108 ha were leased out for these purposes. As of January 1, 2010 there were 196 such forest sites with a total area of 596 ha under lease.

The dynamics of forest distribution by age bracket shows the accumulation of mature and over-mature soft-wooded broadleaved forest stands. One of our main short-term objectives 📈 is the achievement of a more homogeneous distribution of the forest stands by age bracket.



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Kaluga Region



lowable cut from 5,915,500 to 7,594,300 m³.

aia

7

Moscow Region

Vladimir Region

Yaroslavl Region

The Forest Plan for the Nizhny Novgorod region and forestry operating procedures for all 36 local forest districts were approved in 2008. These documents were drawn up by the Povolzhsky Lesproject federal state unitary enterprise with the support of international experts from the TAPIO Finnish forestry development center. They made it possible to implement Scandinavian methods in the forestry practices of the Nizhny Novgorod region, and also to increase the al-

In 2009, the Ministry of Natural Resources organized and leased out 62 forest areas covering a total of 635,900 ha with wood volume of 1,454,800 m³ (for comparison: in 2008, 26 forest areas of 423,500 ha with a logging volume of 838,400 m³ were leased).

The acceleration of the forest lease procedures was the response of the Ministry of Ecology and Natural Resources of the Nizhny Novgorod region to the cancellation of auctions for rights of purchase-sale of forests from March 14, 2009 in according with Federal Law No. 32-FZ "On the alteration of the Forest Code of the Russian

Thousand m³

Federation and certain legislative acts of the Russian Federation". The principles of organization of forest plots for lease were reviewed, and forest plots of a smaller size are now formed within the limits of the forest districts. Such an approach made it possible to attract small and medium businesses in the forestry sector and to increase their activity at auctions.

In total, there are 2.012 billion ha of leased forest areas with a logging volume of 3.8 million m³, or 58% of commercial forest stock in the territory of the region. It is planned to lease out the remaining commercial forest areas in 2010. With this purpose, 410,000 ha of forest plots are being organized with a specified logging volume of over 900.000 m³.

In order to supply small business entities with wood and to meet municipal needs, the Nizhny Novgorod regional law dating from June 5, 2009 — No. 71-3 "On exceptional cases of logging based on purchase and sale contracts" — was adopted. With its adoption, local government bodies gained the right to place municipal orders for municipal requirements on wood

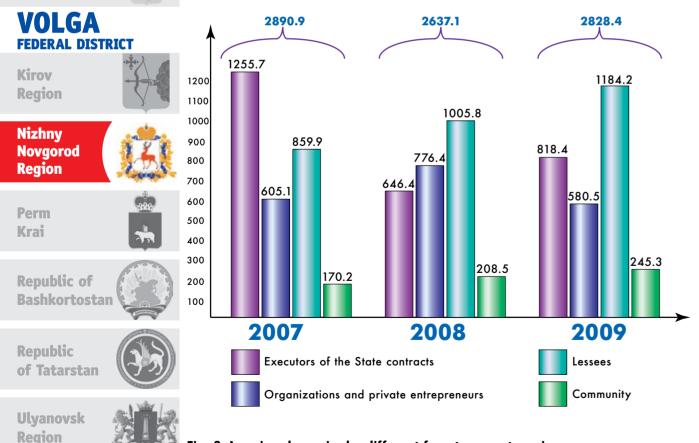


Fig. 2. Logging dynamics by different forest user categories

supply. It resulted in over 100 auctions being held by the forest districts. 753,000 m³ of wood were put up for tender, 335,000 m³ of which were sold, including 77,000 m³ for municipal orders.

A pilot project, "Forest Farmer," is under implementation in the southern districts (Buturlinsky, Gaginsky and Mikhailovsky) of the Nizhny Novgorod region. In 2009, small sites of 200 ha to 2,000 ha were prepared and leased out for farming enterprises and agricultural organizations as part of the project. Thirty-three legal entities are participating in the project; the total forest area under lease comprises 20,300 ha. In the event that the project proves successful, this experience will be rolled out throughout the entire region.

The regional administration plans to maintain the achieved rate of AAC (annual allowable cut) exploitation at the same level (2.8 million m³) and even to increase it up to 3 million m³.

DEMAND AND PRODUCTION BALANCE

The Nizhny Novgorod region is a large manufacturing area in which the wood-processing industry is well developed, i.e. pulp-and-paper production. The biggest wood consumer — Volga Pulp and Paper Plant — is located here. The region currently consumes more wood than it produces. The Nizhny Novgorod region exports mainly pine saw logs, and imports spruce pulpwood. In 2009, 336,800 m³ of round wood were shipped from the region.

The region is currently implementing a pilot project to convert 708 boiler plants in 12 municipalities from hydrocarbon fuel into raw wood. The project's realization will enable the region to economize on procuring 188,300 tons of coal, 106,400 tons of fuel oil and 14,000 tons of heating oil per year. The fuel saving alone will amount to 358.9 million rubles per year. Meanwhile, the volume of wood that can be used for alternative fuel will come to over 600,000 m³ p.a.

Presently, Russian enterprises produce complex packages for chip fuel production and heat generation. Taking into consideration the priority of this business development, the governor of the Nizhny Novgorod region sent an official request to the Russian Ministry of Agriculture to include equipment for chip fuel production and heat generation in the list of equipment

Several forest users have already purchased special boilers, concluded supply contracts and are selling heat energy. They are 000 Rosplit (Shakhunsky district), 000 MKD (Semyenovsky district), IP Stepanov (Krasnobakosky district) and other lessees. By using low-grade wood, they gained extra revenue, and the municipalities saw the creation of new jobs.

STATISTICS (FILLER)

In total, the federal and regional budgets received 403.2 million rubles from the use of natural resources in 2009. Of that figure, 381.3 million rubles, or 95% of the total amount, was income from timber.

The timber revenue target was fulfilled by 130%. The forecasted timber income for 2010 is 319.7 million rubles, including 142.1 million rubles in the federal budget, and 177.6 million rubles in the regional budget.

Measures of state support for the timber complex taken by the government of the Nizhny Novgorod region in 2009-2010

- To reduce the financial burden of timber enterprises;
- To equip companies with modern harvesting, transport machinery and wood-processing equipment;

- To support companies in the fulfillment of their forest lease contractual obligations: forest conservation, protection and reforestation (6 million rubles was allocated in 2009 to compensate lessees' reforestation costs, unless it was a consequence of their operations);

To develop a market for low-grade wood. Methods used to achieve the above-mentioned purposes:

deliveries under the OAO Rosagroleasing leasing program, and to compensate 80% of the down payment to the lessees from regional budget funds. The aims are to reduce the proportion of traditional fuel consumed in the Nizhny Novgorod region, increase the proportion of wood as a renewable energy resource in heat generation and other kinds of energy, create new jobs, replace outdated heat-generating equipment at timber enterprises, develop the low-grade wood market and to enhance the AAC exploitation rate.

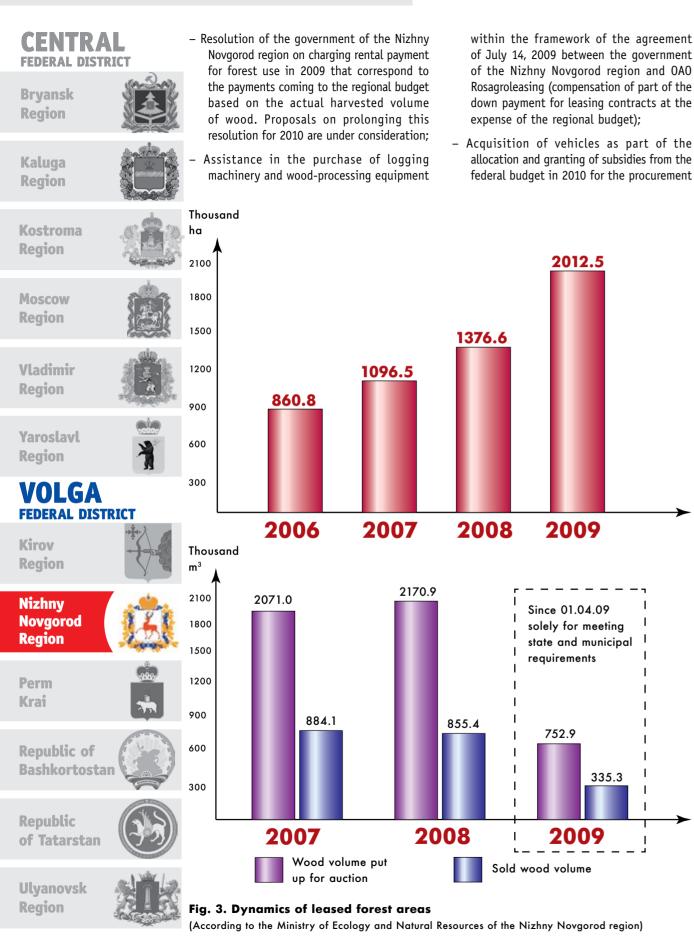
State support of the timber complex is rendered for the following purposes:





RUSSIAN REGIONS: VOLGA FEDERAL DISTRICT

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of vehicles and municipal engineering equipment. The administration of the Nizhny Novgorod region and the Ministry of Regional Development are preparing an agreement on co-financing the procurement of vehicles.

In 2009 the volume of subsidies from the federal budget to support small business grew by three or more times, and the co-financing terms changed. Formerly, 50% of funds were granted from the regional budget and 50% from the federal budget, while the proportion is now 20% and 80% respectively. As a result, in 2009, 73 million rubles were spent from the regional budget to support small business enterprises and 433.6 million rubles from the federal budget.

In terms of financial and credit support, a soft lending program became widespread among small businesses in the Nizhny Novgorod region with the regional and federal budgets compensating part of the interest rate. Business projects related to the expansion of the companies'



operations, i.e. purchase of equipment, vehicles and real estate, as well as the repair, renovation and construction of manufacturing and other facilities are accepted for consideration. In 2009, more than 20 entrepreneurs involved in logging and woodworking took advantage of this program.

An independent non-profit organization, "Agency for the development of a quarantee system for small businesses of the Nizhny Novgorod region", also known as The Guarantee Fund was established in March 2009 as part of the implementation of antirecessionary measures. The agency endows guarantees of commitments from small businesses to banks.

The annual volume of the guarantees issued by the agency is about 100 million rubles. The borrower and the agency put up equal shares (50/50) of the guarantee; the cost of the quarantee is up to 2% p.a., and no guarantee may exceed 5 million rubles.



Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region



Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



PULP-AND-PAPER PRODUCTION AND WOODWORKING HAVE THE BEST PROSPECTS

The percentage occupied by the timber complex in the structure of industrial production in the Nizhny Novaorod region is growing. If in 2006 to 2008 it was 3.5%, in 2009 it comprised 4.5%.

Timber enterprises of the region represent a whole range of businesses - from logging to timber-processing, and furniture, plywood, paper, board and wood-chemical production industries. Production output is over 18 billion rubles. In the near future, the industries with the most production potential will remain the following: pulp-and-paper (newsprint, corrugated board packaging, sanitary tissue products) production oia and woodworking. Y

Less than 5% of the total mill demand is received from the Nizhny Novgorod forests for timber-processing. Spruce in the commercial forest stock comprises 12%. Merchantable timber harvested in the forests of the Nizhny Novgorod region is supplied mainly (up to 80%) to woodworking plants producing sawn timber, joinery, wood moldings, laminated veneer lumber, furniture panels and plywood. Key timber consumers are residential housing (especially wooden house building) and the furniture industry.

Some firewood is used in charcoal production (5,000 t.p.a.); woodworking waste is used in the production of wood pellets and fuel bricks (20,000 pellets p.a.). Most of the waste is used by woodworking plants themselves as fuel for drying sawn timber and heating workshops.

PROBLEMS

Timber complex companies have problems both common ones faced by many industries (overstated tariffs for energy sources and railway transportation, unavailability of loan funds, high depreciation of fixed assets, lack of gualified personnel) and field-specific problems.

Field-specific difficulties are linked to the poor quality of mature forests of the timber cutting fund and lack of all-season forest roads in all the forest areas.

Insufficient capacities for the processing of soft-wooded broadleaved timber also present a significant problem.

There are also obstacles concerning forestry reformation that affect the accessibility of forest resources, such as permanent change in forest legislation and forest management.

The financing of reforestation and other silviculture activities is not a settled issue at the federal level. Requiring logging companylessees to carry out a full range of silviculture activities at their own expense results in increased production costs and a reduction in profits.

High export customs duties on unprocessed wood also add to a slowdown in the development of logging. The volume of round wood exports has decreased. Previously, mainly birch pulp wood and veneer logs were exported.

PROSPECTS

In 2009, the government of the Nizhny Novgorod region adopted an industry development program for 2009 through 2013. This program determines the main direction for the timber complex development construction of new production facilities for advanced processing of soft-wooded broadleaved timber (production of wood boards, board, plywood and biofuels). It is planned to build two MDF plants (180,000 m³), a chipboard production plant (460,000 m³) and four plywood plants (280,000 m³).

Implementation of the program is focused on increasing efficiency of the use of forest

resources by fully exploiting the planned yield and by integrated wood-processing.

Two plywood mills have already been built with an overall capacity of 90,000 m³ (000 Satis-Mebel in the Pervomaisky district, and 000 Privolzhskaya Wood-Processing Company in the Semenovsky district). A chipboard production plant with a capacity of 80,000 m³ is being commissioned (000 Rosplit in the Shakhunsky district). A woodworking factory producing components for frame-panel houses using German technology was put into operation in the town of Semenov. The woodworking capacity is 40,000 m² of glulam; and the house-building capacity is 1,000 houses with a total area of 150,000 m² p.a.

Since 2005, the Balakhna Paper Mill has been under large-scale reconstruction. In 2006 modernization was completed of the wood vard, valued at 11.8 million euros, which facilitated a significant improvement in the quality of the raw material and end product, i.e. newsprint. Preventive maintenance of three paper machines and the technical upgrade of PM-8 were carried out. In 2007, implementation of a corporate automated enterprise control system was finalized. An integrated line of bark, wood waste and sludge incineration valued at 23 million euros was launched in 2008. Commissioning of this integrated line ensured the solution of a critical environmental issue of the Balakhna district, and the line supplies up to 30% of process steam required by the mill.

The timber complex of the Nizhny Novgorod region is taking part in the realization of the "Affordable and comfortable housing" national project. A special-purpose "Social and economic support of young specialists working in educational, health care, sports and culture organizations of the Nizhny Novgorod region for 2006-2020" program acts as a key project implementation tool.

The main contractors are the timber companies ZAO 78 DOK-N.M. with LVL construction technology, and OAO MKD in Semenov with frame-panel technology.

INVESTMENT

The government of the Nizhny Novgorod region and Stora Enso have signed an agreement on the construction of a pulp-and-paper mill with a capacity of 1 million tons of pulp and 0.5 million tons of coated paper. Land has been till 2012.

000 Privolzhskava Biofuel Company plans to allocate 4 billion rubles by 2013 for the establishment of several fuel pellet production plants within the "Creation of an industrial energy complex for the generation and utilization of wood waste-based biofuel in the Nizhny Novgorod region" investment project. Construction work on the first operations was started in the Koverninsky district in 2008. The total volume of investment in the construction of the Koverninsky biofuel plant is estimated at 670 million rubles. The timeline for reaching_projected capacity (8 tons of pellets per hour) is 2011. Similar projects are planned for the Urensky, Borsky, Krasnobakovsky, Pervomaisky, Vyksunsky and Kulebaksky districts of the Nizhny Novgorod region. The pellet production capacity will be 12 tons per hour in the Urensky district, 4 tons per hour in the Pervomaisky district, and 8 tons per hour in other districts.



chosen and forest sites for long-term lease have been reserved for the project. However, the decision-making regarding the mill's construction has been postponed by Stora Enso management

In 2008, a cooperation agreement was concluded between the government of the Nizhny Novgorod region and 000 Nizhegorodsky Lesokombinat as part of an investment project in the town of Semenov for the construction of chipboard, plywood and sawn timber production operations. The volume of investment is 7.9 billion rubles, and the project will create 887 workplaces.

Production of timber companies of the Nizhny Novgorod region in 2009:

- Sawn wood 0.3 million m³,
- Birch plywood -25,000 m³,
- Door sets 104,000 m²,
- Window units 82,000 m²,
- Wooden pallets 800,000 pieces,
- Newsprint 565,000 tons,
- Board boxes 107.2 million m²,
- Paper and cardboard consumer packaging -69,000 tons,
- Soft tissue paper 18 million rolls.
- (According to the Ministry of Industry and Innovation
- of the Nizhny Novgorod region)

OAO VOLGA





Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



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Kirov Region

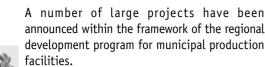


Perm Krai

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Ulyanovsk Region



000 Novy Gorod intends to build a wood board production plant for house building purposes in the Tonshavevsky district. The investment volume is 1.8 billion rubles, and the project is due to be started in 2011;

000 Sibles plans construction of a chipboard production plant (with a capacity of 250,000 m³), a saw mill (65,000 m³) and fuel pellets plant (18,000 tons) in the Varnavinsky district. Investment will total 4.7 billion rubles and 500 workplaces will be created. Implementation is due to start in 2011;

000 Voskresenskaya Fanera will build a plywood plant (25,000 m³) and ply-curve manufacture (6,000 m³) in the Voskresensky district. The volume of investment is 144 million rubles. The projects are due to be started in 2011.

WOODWORKING INDUSTRY

Below is a short description of the woodworking companies of the Nizhny Novgorod region: products, production capacities, equipment stock, etc.

OAO Volga (Balakhna)

It is the largest enterprise of the Nizhny Novgorod region's timber complex and the second largest in Russia after the Kondopoga Pulp-and-Paper Mill. OAO Volga was established on the basis of the Balakhna Pulp-and-Paper Mill (production began in October 1928).

The company produces newsprint made from 100% wood and sells it throughout Russia and abroad.

In 2008 the company produced 568,400 tons of newsprint.

The production facilities of OAO Volga have paper machines manufactured by Voith (Austria), Valmet (Finland) and Wartsila (Finland). The CTMP/TMP area uses equipment made by Sunds Defibrator (Sweden), while the wood yard has equipment made by FMW (Austria). The paper importers use an on-line finished goods tracking and dispatching control system designed by JSC Volga ePaper.

ZAO Zavolzhsky Woodworking Plant (Zavolzhve)

The Zavolzhsky Woodworking Plant was established in 1947. Its major produce is window frames with double and triple glazing and a glass unit. The plant operates machines using Weinig (Germany) program control for the production of Finnish and European-style windows.

In addition, the Zavolzhsky Woodworking Plant produces balcony and door sets, birch plywood FK, veneer, wood moldings, wooden ladders, wooden furniture, laminated veneer lumber and LVL houses. It also does wood carving and makes souvenirs made of matches at the plant.

The plant's produce is popular not only in the Nizhny Novgorod region, but also in virtually all the central regions of the Russian Federation.

000 Plywood Plant Rosplit (Vakhtan village, Shakhunsky district)

Rosplit was founded in 2005 on the basis of ZAO Vudtek. Its core business is the production of birch plywood FK of all grades, of a thickness of 3-20 mm, 1,525 x 1,525 mm in size, smooth and non-smooth. The production capacity of the plant is 24,000 m³ of plywood FR per year.

The enterprise has its own logging operations and leased forest areas with a potential 400,000 m³ of annual harvesting volume. It uses Logset (Finland) logging machinery: the Forwarder 6F and Harvester 8H.

In 2009, the plant commissioned an upgraded plywood production line, using a U 17-10 M veneer slicer (Yaroslavl, Russia), LUR 14-17 veneer cut and sheet stacking line (Yaroslavl), Plymac veneer dryer (Finland), VK 4238 D press with mechanical loading and unloading (Dnepropetrovsk, Ukraine), veneer-clipping line (Yaroslavl), Cremona grinder (Italy), and Kuper veneer splicing machine (Germany).

OAO Bumsnab (Nizhny Novgorod)

The company's key products are corrugated board, corrugated board packaging of various sizes and design with multicolored print, boxboard items and other board and paper goods.

OAO Bumsnab was established in December 1992 on the basis of another enterprise founded back in 1965. At the beginning, the company was a large distribution center of paper products. After the foundation of the joint-stock company, a stepwise production

Table. Price index of timber production (as of December 2009 in percentage versus December 2008)

Designation Price index, % 64.67 Round wood for sawn wood production SW timber for sawn wood production 61.64 HW timber for sawn wood production 71.27 Veneer logs (timber for peeled and sliced 70.9 veneer) Timber for pulp and mechanical wood 60.47 puln SW timber for pulp and mechanical wood 64.87 pulp HW timber for pulp and mechanical wood 59.1 nuln Firewood for processing purposes 56.67 Sawn wood 77.63 Square-sawn timber 76.6 75.03 SW square-sawn timber 79.56 Uncut sawn timber SW uncut sawn timber 76.45 HW uncut sawn timber 96.36 Glued wood 94.71

(According to the Ministry of Ecology and Natural Resources of the Nizhny Novgorod region)

development program was elaborated and approved. A packaging workshop was commissioned in 1993. Since the end of 1998, the company has been producing corrugated board using its own facilities. Starting from 1999, it began producing new types of products, such as triplex corrugated board of grades T-21, T-23, T-24 and double-double corrugated board of grades P-31, P-33, P-34 of B and C types, along with new kinds of paper and stationery goods.

The packaging line was purchased from Izowa company (Germany), the corrugated board production line was supplied by Staller-anstalt (Lichtenstein), and the Curioni production line of irregular-shaped corrugated boxes was made in Italy.

ZAO 78 DOK-N.M. (Nizhny Novgorod)

The company has been operating since 1950. Initially, it was named Woodworking Plant No. 189 and aimed to provide for the growing construction sites of the Gorky military district. From the very beginning, the enterprise developed as a complex with a complete cycle

chop saws, SUPRA-2 fi nger-jointer, Unimat-30 EL and Hydromat-23C molding machines, Polzer edgewise splicing press, Grecon HS-120 lengthwise splicing machine, ProfiPress-5500 for glued lumber, and Holzher PK-1230 vertical panel saw.

countries. region)

stock.

At the company's woodworking facilities, Nardi drying chambers (Italy) and Weinig processing lines (Germany) are installed. Equipment includes: OptiCut-150 and Opticut-350 optimizing

of wood-processing operations – from logging to the manufacture of joinery and glulam.

The production of ZAO 78 Woodworking Combine-N.M. includes windows, doors, glulam, LVL houses and wood moldings. Since 1991, all the production units have been under intensive reconstruction. Weinig and Eisenmann (Germany) equipment was used in setting up a new window and door production line, in establishing a tailor-made drying facility and in the launch of glulam manufacture, including beams for house building purposes.

The combine is one of the leaders in terms of the range and volume of output product among Russian woodworking mills, and cooperates with many construction companies in Moscow, St. Petersburg, Nizhny Novgorod, Naberezhnye Chelny, etc. The produced laminated wood structures have a certificate of quality from the Otto-Graf Institute (Stuttgart, Germany) allowing their delivery to European

000 Sokolsky Les (Nizhny Novgorod

The company's head office is located in Nizhny Novgorod, logging operations are in the Sokolsky district and the woodworking facilities are in the Surovatikha village of the Dalnekonstantinovsky district.

Production includes laminated veneer lumber, pre-fabricated LVL and rounded log houses, windows, doors, whole-section and glued wood moldings.

Sokolsky Les is a full-scale enterprise. From wood harvesting, hauling and drying to the production of consumable goods for construction operations and furniture-making, all the work is carried out using the company's own production facilities and raw material base, or those under long-term lease. Softwood and hardwood short logs are used as an initial









Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk



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Region

Region



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Minister Alexei Ivanovich Morozov

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FORESTRY ENTERPRISES

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Avallon, 000	Timber-processing	606002, Dzerzhinsk, Garazhny Per., 4	Tel.: +7 (8313) 36-74-08, 36-90-50, 36-90-30, poddon@derevotara.ru, www.derevotara.ru
78 DOK N.M., ZAO	Timber-processing, wooden house construction	603600, Nizhny Novgorod, Ul. Vtorchermeta, 7	Tel.: +7 (831) 224-04-36, 257-88-25, Fax +7 (831) 257-88-26, dok78@dok78.gvsu.ru, dok78@rol.ru, www.dok78.ru
Agroservis, 000	Lumbering, timber- processing	606860, Vetluga, SHT-8, Ul. Oktyabrskaya,12	Tel. +7 (83150) 2-11-70, Fax +7 (83150) 2-36-77, www.agroservis.nnov.ru
Aka, 000	Timber-processing	606910, Shakhunsky Rayon, Der. Stolbovo, Ul. Zapadnaya, 1A	Tel.: +7 (83152) 34-2-64, 34-2-65, aka-nn@yandex.ru, www.aka-nn.ru
Ansem, ZAO	Wooden house construction, timber- processing	606008, Dzerzhinskaya, Ul. Avtomobilnaya, 157	Tel.: +7 (8313) 26-61-26, (920) 250-58-06, (920) 058-37-79, tatiana250285@gmail.com, www.zao-ansem.ru
Arboris, 000	Timber-processing	603015, Nizhny Novgorod, Bazovy Proyezd, 1	Tel.: +7 (831) 279-40-97, 279-44-53, oris-iva@mail.ru
Bogorodsky Leskhoz, GPNO	Timber-processing	607602, Bogorodsk, Ul. Kotelnikova, 76	Tel.: (83170) 2-18-16, 2-15-41, bogles2@mail.ru
Bumsnab, OAO	Production of items from paper and cardboard	603950, Nizhny Novgorod, Ul. Fedoseenko, 6	Tel.: +7 (831) 222-07-70, 225-66-81, Fax +7 (831) 225-09-52, info@bumsnab.ru, www.bumsnab.ru
Buturinsky Leskhoz, GPNO	Lumbering	607440, Buturinsky Rayon, Pos. Buturlino, Ul. Kolkhoznaya, 2	Tel. +7 (83172) 5-41-77

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Minister Alexander Valentinovich Karzevsky

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OOO Avallon





OOO Agroservis





RUSSIAN REGIONS: VOLGA FEDERAL DISTRICT

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CENTRA		Name
FEDERAL DISTR	RICT	Varnavinsky Leskhoz, GPNO
Bryansk Region		Volga, OAO (Balakhnina Pap Mill)
Kaluga	\$1 ⁴⁸ 18	Volgo-Vyatsky Timber Group, 000
Region		Volgo-Oksky Forestry Compan 000
Kostroma	. 	Voskresenskoye, 000
Region		Voskresenskoye Timber-Processi Plant, 000
Moscow Region		Vyksales, OAO
		Timber-Processi Mill, FGU
Vladimir Region		DOZ Dinamo, OA
	- and the first of	DOCros, ZAO
Yaroslavl Region		Domostroi, 000
VOLGA		Zavetluzhje, 000
FEDERAL DIST	RICT	Zavolzhsky
Kirov	**	Woodworking Pla ZAO
Region		Zolotoye Sechen 000
Nizhny Novgorod Dogion	161	Cardboard Mill named by Kalinina I.M., 000
Region	- Logo -	Kedr, 000
Perm Krai		Krona, 000
NFd1	20	Les-Stroi, 000
Republic of Bashkortosta		Leskhoz, 000
		Mebelny Stil, 00
Republic of Tatarstan	33	MKD, OAO
Ulyanovsk Region		NBK, 000
	200	

Name	Activity	Address	Contacts
Varnavinsky Leskhoz, GPNO	Lumbering	606760, Pos. Varnavino, Ul. Lesnaya, 23	Tel. +7 (83158) 3-54-91, varleskhoz@yandex.ru
Volga, OAO (Balakhnina Paper Mill)	Pulp-and-paper	606407, Balakhna, Ul. Gorkogo, 1	Tel.: +7 (83144) 4-10-10, 4-10-11, info@volga-paper.ru, www.volga-paper.ru
Volgo-Vyatsky Timber Group, 000	Wooden house construction	606420, Balakhinsky Rayon, Pos. Kozino, Ul. Krasnoarmeiskaya, 1Б	Tel.: +7 (831) 413-81-80, (920) 253-81-80, (920) 018-37-09
Volgo-Oksky Forestry Company, 000	Wood-sawing, timber- processing	603018, Nizhny Novgorod, Ul. Patriotov, 49	Tel. +7 (831) 414-91-92, Fax: +7 (831) 254-22-03, 269-22-03 les-nn@bk.ru, www.lescom.nnov.ru
Voskresenskoye, 000	Lumbering	606430, Voskresensky Rayon, Pos. Voskresenskoye	Tel. +7 (83163) 9-24-40, agro52vosk@rambler.ru
Voskresenskoye Timber-Processing Plant, 000	Lumbering, timber- processing	606735, Voskresenky Rayon, Pos. Kalinikha, Beregovaya Ul., 27	Tel.: +7 (83163) 9-42-37, 9-42-78, 9-42-46, 9-42-00
Vyksales, OAO	Lumbering, wood-sawing, timber-processing, wooden house construction	607060, Vyksa, Ul. Slepnyova, 13	Tel.: +7 (831-77) 3-18-45, 3-08-44, 3-48-64, vyksales@rambler.ru, www.vyksales.vorgs.ru
Timber-Processing Mill, FGU	Timber-processing	607060, Vyksa, Ul. Zaprudnaya, 2	Tel.; +7 (83177) 3-10-75, 3-05-66, 3-10-72
DOZ Dinamo, OAO	Timber-processing	606640, Semyonovsky Rayon, Pos. Sukhobezvodnoye, Ul. Shkolnaya, 61	Tel. +7 (83162) 3-42-08, Fax +7 (83162) 34-5-42, fanera2007@mail.ru
DOCros, ZAO	Timber-processing, production of room- dividing doors and molded strips	603044, Nizhny Novgorod, Ul. 50-Letiya Pobedy, 265	Tel. +7 (831) 270-29-02, info@docros.com, docros1@yandex.ru, www.docros.com
Domostroi, 000	Wooden house construction	607650, Kstovo, Ul. Vostochnaya, 22	Tel. +7 (83145) 6-34-01, domostroi-kstovo@mail.ru
Zavetluzhje, 000	Timber-processing	660950, Pos. Tonshaevo, 23Г	Tel.: (83151) 222-36, 2-10-54, zavetluzi@mail.ru
Zavolzhsky Woodworking Plant, ZAO	Timber-processing	606520, Zavolzhye, Ul. Lesozavodskaya, 7	Тел.: (83161) 3-73-73, 3-74-33, 3-74-32, 3-78-05 zdoz@sinn.ru
Zolotoye Secheniye, 000	Timber-processing, wooden house construction	603157, Nizhny Novgorod, Ul. Krasnikh Zor, 24	Tel. +7 (831) 415-48-95
Cardboard Mill named by Kalinina I.M., 000	Pulp-and-paper	606875, Vetluzhsky Rayon, Pos. Imeni Kalinina, Ul. Kooperatinaya, 15	Tel.: +7 (83150) 3-11-61, 3-11-71, kfk_2006@mts-nn.ru
Kedr, 000	Lumbering, timber- processing	606840, Pos. Sharanga, 23	Tel.: +7 (83155) 2-17-30, 2-12-53
Krona, 000	Timber-processing	606000, Dzerzhinsk, Ul. Rechnaya, 4	Tel.: +7 (8313) 27-92-53, 27-91-43, kronann@mail.ru, www.krona-nnov.ru
Les-Stroi, 000	Timber-processing	603086, Nizhny Novgorod, Ul. Strelka, 4A	Tel. +7 (831) 277-62-84, Fax +7 (831) 249-43-85
Leskhoz, 000	Lumbering, exporting	606670, Sokolsky Rayon, PGT Sokolskoye, Ul. Molodyozhnaya, 21	Tel.: +7 (83137) 2-04-79, 2-04-79, (8312) 32-39-39, spilyin@rol.ru
Mebelny Stil, 000	Production of furniture	606440, Bor, Ul. Fomina, 4	el.: +7 (83159) 9-02-73, 9-03-17, Fax +7 (83159) 2-39-55, softl@sandy.ru, www.mebel-s.com
MKD, OAO	Wooden house construction: frame panel houses	603115, Nizhny Novgorod, Ul. Belinskogo, 11/66	Tel.: +7 (831) 421-18-86, 421-24-5 fax+7 (831) 421-40-52, rekons@bk.ru www.mkd-nn.ru
NBK, 000	Pulp-and-paper: production of consumables for trade, bank and business machines	603116, Nizhny Novgorod, Ul. Marshala Kazakova, 3A	Tel. +7 (831) 296-11-99, info@nbkgroup.ru, www.nbkgroup.ru

Name	Activity	Address
Nizhegorodpromles, 000	Timber-processing, wooden house construction	606500, Gorodetsky Ray Pos. Leskhoza, 3
Nizhegorodsky Timber-Processing Plant, 000	Timber-processing	603147, Nizhny Novgor Ul. Fuchika, 60
Nizhegorodsky Cardboard-Ruberoid Plant, OAO	Pulp-and-paper	603028, Nizhny Novgor Per. Sportsmensky, 11
Pertner, 000	Furniture production	606810, Sharagansky Ra PGT Sharanga, Ul. Zarechnaya, 27
Pervomaiskye Lesopromishlenniki, 000	Lumbering, exporting	607760, Pervomaisk, Pl. Ulyanova, 1A
Privolzhskaya Biofuel Company, 000	Production of biofuel granules	603001, Nizhny Novgor Ul. Pochainskaya, 13
PlK, 000 (Privolzhsky Timber-Processing Company)	Timber-processing, production of birch plywood	606640, Semyonovsky F Pos. Sukhobezvodnoye, Ul. Shkolnaya, 61
Profil, 000	Timber-processing: glued shaped beams, lining boards. Wood- sawing. Wooden house construction	606910, Shakhunya, Ul. Osipenko, 61A
PF "Rabish-Les", 000	Timber-processing, wooden house construction	603057, Nizhny Novgor Svetlogorsky Per., 4
Ramen, 000	Lumbering, timber- processing	606150, Vacha, Ul. Bolnichnaya, 18
Satis-Mebel, 000	Timber-processing	607720, Pervomaisky Ra Pos. Satis, Ul. Fabrichna
Svik, 000	Wooden house construction	606670, Pos. Sokolskoy Ul. Kuibysheva, 28A
Silva, 000	Furniture production	607603, Bogorodsk, Ul. Chernyshevskogo, 1
Sokolsky Les, 000	Timber-processing, wooden house construction	606670, Sokolsky Rayor Sokolskoye, Ul. Leningradskaya, 75
Stavr, 000	Wooden house construction	603001, Nizhny Novgor Ul. Kozhevennaya, 1/14
Stora Enso Packaging, VR, 000	Pulp-and-paper: corrugated cardboard and corrugated board packaging	607264, Arzamassky Ra Der. Bebyaevo
Stroi Dvor, 000	Wooden house construction	603018, Nizhny Novgor Ul. Zelenkhozovskaya, 4
TPK Somko- Promservis, 000	Timber-processing, production of wooden packaging	603086, Nizhny Novgor Bul. Mira, 10
Rosplit Plywood Mill, 000	Timber-processing	606900, Shakhunsky Ra Posyolok Vakhtan, Ul. Komarova, 28B
FanKor, 000	Lumbering, timber- processing	606570, Kavernino, Ul. VKLSM, 24
Uta, 000	Furniture production	606520, Zavolzhye, Ul. Industrialnaya, 6

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rod,	Tel.: +7 (831-2) 41-69-62, 41-13-64, 41-22-20, 41-37-74, smirnova@nn.tn.ru, www.nkrz.ru
ayon,	Tel.: +7 (83155) 2-07-88, 2-14-93, oermolina@yandex.ru
	Tel.: +7 (83139) 2-14-51, 2-14-82, 2-11-40, les_prom@mail.ru, www.les1-prom.narod.ru
rod,	Tel.: +7 (831) 220-31-23, 220-31-24, info@roscreditnn.ru, www.bio-fuelnn.ru
Rayon, ,	Tel.: +7 (83162) 34-188, 34-542
	Tel. +7 (83152) 26-5-26, profil-dok@profil-dok.ru, www.profil-dok.ru
rod,	Tel.: +7 (831) 273-76-68, 222-56-12, rabish@infonet.nnov.ru, www.rabish.ru
	Tel. +7 (883173) 6-30-94, Fax +7 (883173) 6-30-94, www.ramen.nov.ru
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	Tel.: +7 (83170) 2-47-55, 2-47-66, silva@elit-mebel.ru, www.silvann.ru
n, Pos.	Tel.: +7 (83137) 2-14-81, 2-17-83, 2-11-66, www.rusderevo.ru
rod, A	Tel.: +7 (831) 463-88-28, 433-16-23
iyon,	Tel.: +7 (83147) 5-93-01, 5-93-02, www.storaenso.com
rod, 4A	Tel.: +7 (831) 413-31-49, 299-70-52, stroidvor@land.ru, www.stroydvor52.ru
rod,	Tel. +7 (83144) 7-60-00, yuliasomko@yandex.ru
ayon,	Tel.: +7 (83152) 43-1-08, 2-81-41, rosplit@rosplit.ru, www.rosplit.ru
50 Let	Tel. +7 (83157) 2-26-51, Fax +7 (83157) 2-16-59
	Tel.: +7 (83161) 6-85-27, 7-78-47, uta_stil@list.ru, www.uta-stil.ru



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region



Republic of

Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



Perm Krai has every chance to become one of the leaders of the Russian forestry industry: enormous forest resources, developed industry and an advantageous geographical location.



ON THE BORDER OF TWO PARTS OF THE WORLD

Komi-Permyak Autonomous Okrug.

Part of the Volga federal district, the Perm Krai is on the border of two parts of the world: 99.8% of its territory is in Europe, and 0.2% in Asia.

Perm Krai was formed as a subject of the Rus-

sian Federation on 1 December 2005 as a result

of the unification of the Perm Oblast and the

The Perm Krai borders the Republic of Komi to the north, the Republic of Bashkortostan to the south, Udmurtia and the Kirov region to the west, and the Sverdlovsk region to the east. The total length of the region's winding border is more than 2,200 km.

The area of the Perm Krai is 160,200 km² (approximately 1% of the territory of Russia), the maximum length of its territory is 645 km from north to south, and 417.5 km from east to west. The population is 2,718,000 people, 75% of whom live in urban areas.

The capital of the Krai is the city of Perm, with a population of 987,000 people. In terms of area (800 km²), the city occupies third place in the country after Moscow and St. Petersburg. Two other cities in the Krai are home to more than 100,000 people: Berezniki (179,900) and Solikamsk (104,100). The distance of Perm from the Russian capital is 1,386 km.

CAPRICIOUS WEATHER

The climate in the Perm Krai is moderately continental. The proximity of the Kama reservoir provides increased air humidity. Summer is quite warm, but rainy and short. The average temperature in July in different parts of the Krai varies from +14 to +19°C. Winter is snowy and long, and the average temperature in January ranges from -15°C in the southwest of the region to -18.5°C in the northeast. The lowest recorded

temperature is -53°C. Snow cover forms in the second half of October to early November and remains until mid-April. In general, the climate is favorable for the growth of high-guality forest. Weather in the Perm Krai is distinguished by its changeability. Characteristic for the region are severe cold snaps in spring, dense fogs, thunderstorms, snowstorms, hail, frosts and even snow during summer months.

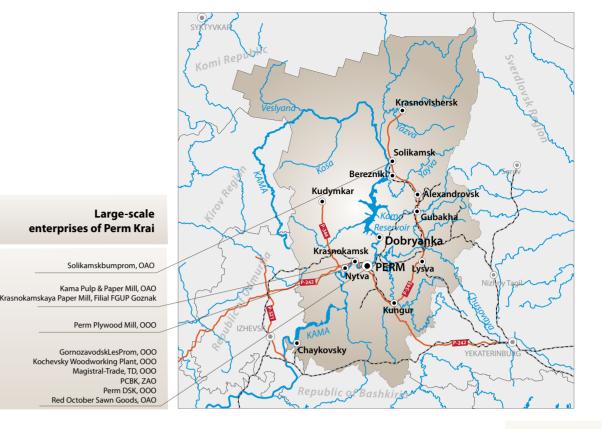
THE KAMA AREA

Approximately 80% of the territory of the Krai is located on the fringe of the East European plateau, and 20% on the western slope of the Middle and Northern Urals. The highest mountains are in the north of the Krai; the peaks include Tulymsky Kamen (1,496 m above sea level), Isherim (1,331 m), Khu-Soik (1,300 m) and Molebny Kamen (1,240 m). In terms of provision of water resources, the Perm Krai holds first place in the Urals. The region is almost completely situated in the Kama River basin - a large left tributary of the Volga. There are a total of over 29,000 rivers on the territory, with a total length of over 90,000 km. Besides the Kama, major rivers include the Chusovaya, Sylva, Vishera, Kolva and Yaiva. Furthermore, the Perm Krai is home to over 150 lakes of an area of around 10 hectares, which are mainly located in northern regions that are difficult to access.

Thanks to its landscape features, the region has gained two unofficial names: the West Urals and the Kama area.

Perm Krai is one of the most interesting regions in Russia from a physical and geographical standpoint. There are different landscapes on a relatively small territory here: mid-mountain ranges, marshy lowlands, elevations, mountain tundra, Alpine meadows etc.

Protected natural territories include the Vishera national park (241,200 hectares) and the Baseqi national park (37,935 hectares).



FROM CLAY TO DIAMONDS

Owing to a combination of plateau and mountain relief in the Perm Krai, a wide spectrum of minerals is found here. According to data from the Ministry for Natural Resources of the Perm Krai, the retail value of minerals of the Kama area on the regional market is determined by potassium salts (65% of all the minerals in the Krai), magnesium salts (17%), oil (7.5%) and rock salts (6.5%). A total of 1,400 fields of 49 types of minerals have been discovered on the territory of the Krai, and over 340 fields are in use.

The most developed production is oil and gas, potassium-magnesium and sodium salts, diamonds, chemical, metallurgical and cement raw materials, chrome ore, building materials and fresh underground water.

Oil on the territory of the region was first discovered in 1929 in the area of the village of Verkhnechusovskie Gorodki. Today, over 160 fields of raw hydrocarbon materials are known in the Krai.

The Krasnovishersky region is home to the Verkhnekamsky field of potassium salts, one of the largest in the world. Here chloride salts of sodium, potassium and magnesium are produced, as well as rock salt. The area of the field is 1,800 km², and the thickness of the salt-bearing layers is up to 514 m. Diamond mining takes place in the north of the Krai. Incidentally, it

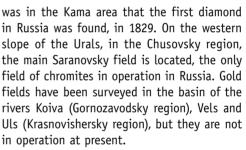
The Perm Krai is rich in minerals used for producing dyes: wolchonskoit, red lead oxide and ochre. Furthermore, limestone, dolomite, plaster, anhydrite and clays are produced here (including ceramsite), as well as sands and sand-and-gravel mixtures.

The Perm Krai occupies a very favorable geographical position. It is in the center of the country, at the crossing point of the railway from Europe to Asia (the Trans-Siberian railway) and a very important water route - through a system of canals, the Kama provides access to five seas.

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THE ROAD TO FIVE SEAS

The two easternmost river ports of Europe are located in the Perm Krai: Perm and Levshino, from which goods can be transported to the ports of the Caspian, Azov, Black, Baltic and White Seas, and also to the river ports of the Great European ring. Perm is connected by tourist routes with Moscow, St. Petersburg, Nizhny Novgorod, Rostov-on-Don and Astrakhan. The total length of internal waterways is 1,518 km.







Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

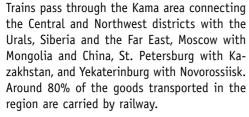
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



Outside of Perm is the international airport Bolshoe Savino, which is of federal significance and is one of the largest airports in the Urals. A highway from Kazan joins the St. Petersburg -Yekaterinburg federal highway on the territory of the region, which also has roads leading to Izhevsk, Khanty-Mansiisk, Surgut, Tomsk, Vologda, Syktyvkar, and the Republic of Belarus.

ment of transport infrastructure as one of the most topical strategic areas which will increase the role of the Krai in strengthening ties between Europe and the Asian and Pacific region.

REGION

The basis of the economy of the Perm Krai is a highly-developed industrial complex. The leading industries include machine building, chemistry and oil chemistry, metallurgy, fuel, forestry, wood-processing and the pulp-andpaper industry.

The central place in the chemistry industry is occupied by the production of mineral fertilizers, and local raw materials are primarilv used. One hundred percent of potassium fertilizers in Russia are produced in the Perm Krai. Furthermore, chemical plants manufacture high-technology products such as methanol, ammonia, nitrogen fertilizers, unique chlorofluorohydrocarbons, fluropolymers, flocculants and active charcoal.

The main volume of fuel manufacture comes from oil and gas industry plants, of which there are around 30 in the region. They mainly carry out the primary processing of raw materials.

Machine-building is represented by the manufacture of fuel equipment, gas compressor units and gas turbine stations, oil-field equipment, digital and fiber-optic data transmission system devices etc.

The authorities of the Krai name the develop-

AN ECONOMICALLY DEVELOPED

In the high-technology sphere, a special place is held by enterprises of the defense and industrial complex. Aviation and rocket engines are developed and manufactured in the Perm Krai, as well as multiple launch rocket systems, ammunition and explosives, navigation equipment and communications facilities. A special feature of Perm electricity is the combination of hydroand thermoelectricity stations. Over 40% of the electricity produced in the Krai is exported.

The metal industry of the Perm Krai consists of plants that produce and process ferrous, non-ferrous and rare-earth metals.

Powder metallurgy plants are also located here, and the only plant in Russia that manufactures titanium sponges also functions in the Krai.

In the sphere of logging and processing of timber, the Perm Krai occupies one of the leading positions in Russia. Local plants manufacture around 20% of Russia's total volume of paper of various applications. These plants use local forestry resources.

The economic complex of the Krai includes around 500 major and medium industrial enterprises, and 6,000 small industrial enterprises. Around 90% of these enterprises are privately owned.

EXPORT EXCEEDS IMPORT

The Kama area maintains foreign economic ties with 116 countries. According to data from the Agency for Investment Assistance of the Perm Krai, the foreign trade turnover of the region exceeded \$2 billion in 2000, and in 2008 came to \$7.7 billion.

The economy of the Perm Krai is focused to a significant degree on export, the volumes of which grow with every year. At present, up to a guarter of the total volume of the gross regional product is exported, and last year, export exceeded import by eight times.

Enterprises in the Krai primarily export products of the oil and gas and fuel and energy complexes, metals and articles made of metal, mineral fertilizers and newspaper. Ten countries are actively involved in the formation of export markets: Brazil, Belgium, Germany, India, China, Poland, the U.S., Finland, Kazakhstan and Ukraine.

As far as import is concerned, the majority (63%) consists of mechanical production. This is owing to the requirement of the Krai's enterprises for production modernization.

The importer countries include Germany, Kazakhstan, Austria, Ukraine, China, Uzbekistan, Switzerland and France.

FORESTS ARE PLENTIFUL, BUT **THEY ARE DIFFICULT TO ACCESS**

Seventy percent of the territory of the Perm Krai is covered in forests. The total volume of forests is 11 million hectares. Sixty-one percent of the forests consist of coniferous trees, and 39% of soft-wooded broadleaf species.

The primary supply of timber is evaluated at 1,608.4 million m³, including 980.7 million m³ of coniferous species, of which around 48.8% are mature and overmature. The annual increase of timber is almost 28 million m³.

THE FOREST IS THICKER IN THE NORTH

The main mass of Perm forests is concentrated in the north and northeast regions of the Krai and in the Middle Urals - the amount of forest on the territory there reaches 90%. In the south of the Kama region, it drops to 30-35%. Coniferous species predominate in the northern, central and eastern parts of the Krai, and soft-wooded broadleaf species in the south.

The forest is of high quality; in the local severe climactic conditions, the trees grow guite slowly,

THE ALL ALL WALL



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which makes the timber strong and resistant to various influences.

Fourteen forest-forming species grow on the territory of the Perm Krai. Among coniferous trees, the largest area (77.3%) is occupied by spruce trees, followed by pine trees (21.5%). Woodlands of this species are encountered all over the territory of the Krai, but the largest areas of pine forests are concentrated in the Gainsky and Cherdynsky forest districts.

Just 0.3% of the area of coniferous trees consists of forests with a predominance of cedar and larch.

Of soft-wooded broadleaf species, birch predominates (79.5%). Aspen makes up 13.4% of the area of deciduous forests. All aspen forests are secondary forests and arise in areas of felling.















Bryansk Region

Kaluga Region

Kostroma Region



Region

Vladimir Region

Yaroslavl Region



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Kirov Region

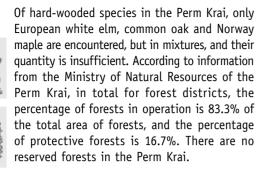
Nizhny Novgorod Region



Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



The body of executive power that implements state authority in the sphere of forestry affairs is the Agency for Natural Resources Management of the Perm Krai. It has 33 forest districts and 174 divisional forest areas in its jurisdiction.

SIX FOREST REGIONS

Specialists of the Department for Environmental Protection have divided the territory of the Perm Krai into six botanical and geographical regions according to the nature of the vegetation growing in them.

1. The region of medium taiga fir-spruce forests occupies the northern and northwestern part of the Krai. Its southern boundary passes along the line of Yurla - Solikamsk, and the eastern boundary along the line of Alexandrovsk -Krasnovishersk.

Medium taiga forests are characterized by a simple arrangement of timber crop; the shrub layer is absent or very weakly developed. Two sub-regions stand out noticeably: one with a predominance of pine and spruce forests, and one with a predominance of fir-spruce. Over 85% of the lands are covered with forests.

2. The region of southern taiga fir-spruce forests is located in the central part of the Krai. In the north, it borders the region of medium taiga fir-spruce forests, and the southern boundary passes along the line of Bolshaya Sosnova -Krasnokamsk - Dobryanka - Lysva, and eastern boundary along the line of Alexandrovsky -Lysva. There are also two sub-regions here: one with a predominance of agricultural lands, and one with a predominance of aspen and birch forests in the area of southern taiga dark coniferous forests. From 35% to 55% of the land is covered with forest in the first sub-region, and from 75% to 85% in the second.

3. The region of broad-leaf spruce-fir forests occupies the southern part of the Krai. In the north, it borders the region of southern taiga Table. 1. Use of periodic yield for wood harvesting in mature and over mature forests of the Perm Krai (thousand m³ of merchantable wood)

		total	including by tenants
1. Forests lo	ocated on lands o	f the fores	st fund
Coniferous	7548.3	3399.3	2340.7
Soft-wooded broadleaf	9165.6	1708.8	978.0
Total	16 713.9	5108.1	3318.7
2. Forests loca	ted on lands of d	efense and	d security
Coniferous	33.1	30.4	-
Soft-wooded broadleaf	59.3	27.3	-
Total	92.4	57.7	-
Based on the Pe	erm Krai Fores	t Plan	

Based on the Perm Krai Forest Plan

Table, 2. Structure of the Perm Krai forest fund

	2006	2007	2008
Total of main forest- forming species, thousand hectares	11 147.5	11 153.2	11 147.7
Age structure			
Saplings	3116.2	3082.8	3101.6
Average age	3277.9	3276.6	3273.1
Ripening	1146.7	1149.6	1148.5
Mature and overmature	3606.5	3644.2	3624.5
Species structure			
Pine	1463.1	1463.7	1463
Spruce, fir	5321.6	5328.9	5331.7
Larch	3.6	3.7	3.7
Cedar	14.2	14.7	14.6
Birch	3456.6	3451.8	3446
Aspen	580.1	585.6	582.9
Other species	308.1	304.8	305.8

Based on materials of the Perm Krai Agency for the Management of Natural Resources

fir-spruce forests, and the eastern boundary passes along the line of Lysva - Kordon. The structure of forests of this region is the most complex. The tree layer consists of two or three sub-layers, and the basis of the second and third consists of broad-leaf species (big-leaf linden, elm, Norway maple, European white elm and common oak). The shrub layer is well developed, as a rule. From the north to the south, fir trees are replaced with wide-leaf fir trees. From 30-45% of the lands are covered with forest.

4. The region of the island Kungursk forest steppe is located in the interfluve area of Sylva and Iren.

Small islands of forests here are only preserved on hills. They are mainly birches and aspen with patches of linden and elm, and also pine with a mixture of Siberian larch. The region is heavily cultivated, with agricultural lands occupying 40-55% of the area, and forest lands only 10-20%.

5. The region of medium and southern taiga submontaine fir-spruce and spruce-fir forests is located in the east of the Krai, in the foothills of the North and Middle Urals. These forests are characterized by a high mixture of larch, fir and cedar. In general, this is a forest region (85-95% of the total area is covered with forest), but the forests have been subjected to intensive felling, and so considerable territories are covered with secondary birch groves and mixed forests ...

6. The region of northern and middle cedarfir mountain forests is located entirely in the Krasnovishersky region, in the northeast of the Krai. The special features of mountain forests are the sparsity of the tree layer, the natural mixture of white birch, and the presence of cedar.

The undergrowth is rare and poor. On the high peaks of the Ural mountains, islands of mountain tundra are located, along with spruce and birch crooked forest.

RAW MATERIALS THAT ARE DIFFICULT TO ACCESS

It should be noted that the raw forest materials potential of the Kama area is not used sufficiently. At present, only a third of the periodic yield is used. The main reason is the lack of forest roads. It is simply impossible to reach the majority of the good forest.

A paradoxical situation forms: with an enormous amount of mature and overmature forest in the Krai, local industrialists are forced to purchase raw materials from outside the region.

During the presentation of the target program "Development of the forestry complex of the Perm Krai for 2009-2012," the president of OAO Solikamskbushprom Viktor Baranov admitted that he was regularly forced to purchase cellulose in Ust-Ilimsk. Furthermore, the lack of accessible raw materials forces him to purchase timber as well as cellulose from other regions.

At present, the average length of roads per 1,000 hectares of forests is just 0.5 km, while the optimum road network provision for forests is 10 km per 1,000 hectares. But even the roads that exist are far from ideal: for 37,500 km of

Types of

Round ti thousand including wood, th Sawn tim

> thousand Plywood, thousand

Chipboar thousand Fiberboa

thousan

Paper, th tons Non-coat and cardb thousand

A fifth of the total volume of all the paper in Russia is manufactured in the Perm Krai. Forestry in the region has become one of the most important manufacturing industries, and the forestry complex of the Kama area now holds one of the leading positions in the country for the harvesting and processing of timber.

The forestry complex of the region has 1,563 economic subjects, 650 of which are small businesses.

According to data contained in the Perm Krai forest plan, of the total volume of production of the forestry complex of the Volga federal district, the Perm region accounts for: 23% of timber transportation, 23% of industrial timber production, 15% of sawn timber production, 29% of plywood production, 62% of cellulose production, 49% of paper production, and 24% of cardboard production. Leading types of production on the internal and external

Table. 3. Volumes of wood and paper production and export of products of timber processing and other forest resources in the Perm Krai.

f product	Production volume	Export volume	Percentage of export in production volume, %
mber, 1 m³	1912.2	40	2.1
g industrial ousand m³	1890.95	40	2.1
ıber, 1 m³	460.4	279.2	60.6
1 m³	175.70	109.6	62.3
rd, 1 m²	15 007.2	3827.10	25.5
rd, 1 m³	230.2	62.40	27.1
ousand	587.8	211.10	35.9
ted paper board, 1 tons	170.8	14.7	8.6

Based on data from the Perm Krai Forest Plan

dirt roads there are just 6,400 km with a hard surface. If the situation does not change in the near future, then it is unlikely that the plans of the Perm authorities to significantly increase the production of forestry in the Krai will be realized.

WOOD PROCESSING AS A PRIORITY

SOLIKAMSKBUMPROM



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CENTRAL CEREDAL DISTRICT Table. 4. Planned investment projects of the Perm Krai for the development of logging, woodworking, pulp-and-paper and other production using timber

			1	-	-	
Name	Investor	Product	Production volume	Realization period, year	Wood assortment	Annual volume of resources, thousand m ³
Modernization of paper-making machine; modernization of cardboard making	Perm PPC group of enterprises	Corrugated paper,	Paper – 112,800 t Cardboard	2012	Deciduous balance	1050
machine		Caluboaru	- 114,200 tons		Coniferous balance	450
Investment projects of 000 Perm Plywood Combine	000 PPC, 0A0 Sveza	Plywood, cardboard	Plywood – 180,000 m³, cardboard – 220,000 tons	2008	Birch veneer logs	200
Kochevsky Woodworking Plant, 000 Kochevo	Kochevsky Woodworking Plant, 000	Sets of residential wooden houses	90,000 m ³	2009	Coniferous saw logs	150
Construction of Dobryanka Woodworking Complex, Dobryanka	000 Dobryanka Forestry Complex	Plywood	90,000 m ³	2009	Birch veneer logs	400
Modernization of production line, construction of new paper production line	0A0 Solikamskbumprom	Newspaper	950,000 tons	2012	Coniferous balance	1500
Woodworking production, GornozavodskLesProm, Gornozavodsk	UrsaBank, UralAvtolizing, Solikamskbumprom, SVS-Lizing	Sawn materials	50,000 m³	2010	Coniferous saw logs	300
Processing of coniferous timber, 000 Lytvensky Forestry Holding	000 Lytvensky Forestry Holding	Sawn materials	202,200 m ³	2014	Coniferous saw logs	750
Production of large- format waterproof plywood	000 Alyans-Eko	Plywood	90,000 m ³	2009	Birch veneer logs	600
Woodworking combine, Gornozavodsk	000 Gazkom	Sawn materials	313,300 m ³	2012	Coniferous saw logs	79
Wooden house-building	OAO Perm House- Building Factory	Low-rise houses	10,000 m ³	2012	Coniferous saw logs	100
Woodworking production	000 Magistral Trade	Sawn materials	37,200 m ³	2012	Coniferous saw logs	58,3
	Nodernization of paper-making machine; modernization of cardboard-making machineInvestment projects of 000 Perm Plywood CombineKochevsky Woodworking Plant, 000 KochevoConstruction of Dobryanka Woodworking complex, DobryankaModernization of production line, construction of new paper production lineWoodworking production, GornozavodskLesProm, GornozavodskProcessing of coniferous timber, 000 Lytvensky Forestry HoldingProduction of large- format waterproof plywoodWoodworking combine, GornozavodskWoodworking combine, Gornozavodsk	Non-AdditionModernization of paper-making machine; modernization of cardboard-making machinePerm PPC group of enterprisesInvestment projects of 000 Perm Plywood Combine000 PPC, 0A0 SvezaKochevsky Woodworking Plant, 000 KochevoKochevsky Woodworking Plant, 000Construction of Dobryanka Woodworking complex, Dobryanka000 Dobryanka Forestry ComplexModernization of production line, construction of new paper production line0A0 SolikamskbumpromWoodworking production, GornozavodskUrsaBank, UralAvtolizing, Solikamskbumprom, solikamskbumprom, solikamskbumprom,Processing of coniferous timber, 000 Lytvensky Forestry Holding000 Lytvensky Forestry HoldingProduction of large- format waterproof plywood000 GazkomWoodworking combine, gornozavodsk000 Magistral	Nodernization of paper-making machine; modernization of cardboard-making machinePerm PPC group of enterprisesCorrugated paper, cardboardInvestment projects of 000 Perm Plywood Combine000 PPC, 0A0 SvezaPlywood, cardboardKochevsky Woodworking Plant, 000 KochevoKochevsky Woodworking Plant, 000Sets of residential wooden housesConstruction of Dobryanka Woodworking Complex, Dobryanka Poduction line, construction of new paper production line, Gornozavodsk000 Dobryanka Forestry ComplexPlywoodWoodworking production line, construction of new paper production line, Solikamskbumprom, 	NameInvestorProductvolumeModernization of paper-making machine; modernization of cardboard-making machinePerm PPC group of enterprisesCorrugated paper, cardboardPaper - 112,800 t Cardboard - 114,260 tonsInvestment projects of 000 Perm Plywood Combine000 PPC, 0A0 SvezaPlywood, cardboardPlywood - 180,000 m³, cardboard plywood cardboardKochevsky Woodworking Plant, 000 CombineKochevsky Woodworking Plant, 000Sets of residential wooden houses90,000 m³Construction of Dobryanka Woodworking Complex, Dobryanka Construction of production line, construction of new paper production line, Gornozavodsk LesProm, GornozavodskOA0 Solikamskbumprom, SVS-tizingSawn materials50,000 m³Processing of coniferous timber, 000 Lytvensky Forestry HoldingO00 Alyans-Eko PlywoodPlywood90,000 m³Production of large- format waterproof plywood000 GazkomSawn materials313,300 m³Woodworking combine, Gornozavodsk000 GazkomSawn materials313,300 m³	NameInvestorProductProduct on production planer.Modernization of paper-making machine; modernization of cardboard-making machinePerm PPC group of enterprisesCorrugated paper, cardboard - 114,260 t Cardboard - 114,260 t Cardboard - 114,260 t Cardboard - 114,260 tons2012Investment projects of 000 Perr. Plywood, Combine000 PPC, 0A0 SvezaPlywood, cardboard - 220,000 m³, 20082008Kochevsky Woodworking Plant, 000Kochevsky Woodworking Plant, 000Sets of residential wooden houses90,000 m³2009Construction of Dobryanka Woodworking Plant, 000000 Dobryanka Plywood90,000 m³2009Modernization of porduction line, construction of new paper production line, construction of new paper production line, Solikamskbumprom, Solikamskbumprom, Solikamskbumprom, Solikamskbumprom, SUS-LizingSawn materials50,000 m³2012Processing of coniferous timber, 000 Lytvensky Forestry Holding000 Alyans-EkoPlywood202,200 m³2014Production of large-format waterproof plywood000 GazkomSawn materials313,300 m³2012Woodworking combine, 000 Lytvensky Forestry Holding000 GazkomSawn materials313,300 m³2012Wooden house-building0A0 Perm House- Building FactoryLow-rise houses10,000 m³2012	NameInvestorProductProduction volumeperiod, yearwood assortmentModernization of paper-making machine; modernization of cardboard -making machinePerm PPC group of enterprisesCorrugated paper, cardboardPaper - 112,800 t Cardboard2012Deciduous balanceInvestment projects of 000 Perm Plywood, Combine000 PPC, 0A0 SvezaPlywood, cardboardPlywood, cardboard2008Birch veneer logsKochevsky Woodworking Plant, 000 KochevsKochevsky Woodworking Plant, 000Sets of residential nouses90,000 m³2009Coniferous saw logsConstruction of Dobyanka Woodworking Comptanka Woodworking Construction of Dobyanka Woodworking Construction of new paper production line, construction of new paper production line, Solikamskbumprom, Solikamskbumprom, Solikamskbumprom, Solikamskbumprom, saw logs2012Coniferous saw logsProcessing of coniferous forestry Holding000 Alyans-Eko Plywood90,000 m³2014Coniferous saw logsProduction of large- format waterproof plywood000 GazkomSawn materials2012Conifer

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

markets are sawn timber, plywood and paper.

The number of people employed in the forestry complex of the Perm Krai was 27,200 people before the crisis. Of them, 42.8% were employed in wood-processing, 33.4% in enterprises manufacturing cellulose, paper and cardboard, and 23.8% in logging.

"PERM WOODEN HOUSE"

The government of the Perm Krai is launching a

new project in the forestry complex sphere - the "Perm Wooden House." Several wood-processing enterprises of the region will work under this brand. It is expected that the implementation of this program will help to provide inexpensive housing for a large number of Russian citizens. "This project will make it possible to unite manufacturing and wood-processing enterprises in a system which will make it easier for them to find a market for their products, use new technology and increase labor productivity," said Dmitry Drobinin, the deputy minister for industry,

innovations and science of the Perm Krai.

The Perm Krai holds a leading position in Russia in terms of the development of wooden house construction. Three types of houses are currently manufactured here: elite, houses for people with an average income, and "budget". But they are all built according to different designs, and so accordingly their planning and construction vary. The goal has been set in the Perm Krai to create an overall standard for wooden house building - the first of its kind in Russia. Each enterprise that is part of the "Perm Wooden House" project will manufacture certain standard parts for house construction for the most practical projects that are selected at the Krai's Ministry of Industry. The parts made by Perm enterprises will be delivered to all the regions of the country, where inexpensive but comfortable housing will be assembled.

According to preliminary assessments, the cost of one square meter of this housing should not exceed 15,000 rubles, and so a house of 100 m² will cost a customer around 1.5 million rubles. An undoubted plus of the project is that the parts for the Perm houses can also be manufactured by small enterprises, which are at present hardly involved in house construction. According to data from the Krai's Ministry of Industry, over 10 enterprises have already confirmed their participation in the "Perm Wooden House" program. There are also agreements with companies which will sell the parts outside of the Kama region. In 2010, it is planned to manufacture Perm wooden houses with a total living space of 120,000 m².

"According to our calculations, during the implementation of the 'Perm Wooden House' project, at least 2,000 new jobs will be created in the Krai," says Dmitry Teplov, the Minister for Industry, Innovation and Science of the Perm Krai. "At the same time, 0.5 to 1 million rubles has been allocated from the budget to carry out this program. A catalogue of projects will be released, and everyone who wishes may read it and choose a house to their liking. Furthermore, we are organizing a permanent exhibition: ready constructions will be erected along the road to Bolshoye Savino airport."

SOLIKAMSKBUMPROM

The Solikamsk pulp-and-paper combine was built in 1941 in the north of the Perm Oblast, near the village of Ust-Borovaya. The building project

Solikamskbumprom manufactures high-guality newspaper, wrapping paper, lignosulphates (used in foundry production, the oil industry, construction, in the manufacture of chipboard, fiberboard, plywood etc.) and paper stationary consumer goods: notebooks, exercise books etc. The total capacity of the enterprise for producing newspaper on four high-speed wide-format papermaking machines is 500,000 tons a year.

The company makes significant investments in updating equipment, constantly increasing productivity and raising the quality of production. In recent years, paper-making machines nos. 1 and 2 have been modernized twice under a project with the participation of the Mitsubishi company (Japan). Double-grid modeling has been introduced, the differential drives of the paper-making machines have been replaced with a multi-engine drive manufactured by Stromberg company (Finland), and two assembly lines for paper packaging have been assembled and put into operation. At present, assembly is underway of a second technological assembly line for processing thermomechanical pulp with an output of 120,000 tons per year according to the project of FMB company (Austria). After it is put into operation, the total capacity of mass production will be 280,000 tons per year. Among the permanent technical partners of Solikamskbumprom are the companies PET (Austria), ABS (Sweden), Valmet and ABB (Finland). The company sells a considerable part of its production on the world market. Trade ties have been established with companies from the U.S., the U.K., Germany, Bulgaria, India, Turkey, Brazil, China, Egypt, Thailand, and other countries.

The first sheet of plywood at the Perm Plywood Mill(in the village of Uralsky in the Nytvensky region) was produced in 1956, and six years

was justified by the presence of rich forestlands of coniferous trees, and the proximity of the railroad and the Kama River. The production of the combine was designed for the major publishing houses of the Soviet Union. Some of the paper was exported. In 1992, OAO Solikamskbumprom was created on the base of the Solikamsk pulp-and-paper combine.

Six affiliated logging enterprises are part of the company and provide 45% of production using their own raw materials.

PERM PLYWOOD COMBINE

OAO SAWN GOODS "RED OCTOBER"











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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



aia

7

Kirov Region

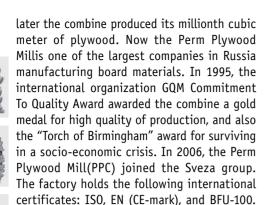
Nizhny Novgorod Region



Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



The PPC manufactures up to 190,000 m³ of plywood (birch, aspen, combined, coniferous construction and facing board, and also special

types of plywood) and up to 210,000 m³ of chipboard per year. Furthermore, the combine manufactures synthetic resins and plastic materials, carbamide and phenolformaldehyde resins and sawn veneer.

The manufacturing process has equipment from the world's leading companies: Raute Wood, Rauma Repola, Bison, Siempelkamp etc.

Production from PPC is in major demand on both the domestic and foreign markets. Up to 70% of all the plywood produced is exported, primarily to European countries and North America.

Export deliveries are primarily made by water routes, through the ports of the Baltic, Black and Azov Seas.

Since 1993 the combine has worked with foreign partners without intermediaries, through an affiliated company, Permfankom trading house.

KRASNY OKTYABR

The history of the company dates back to 29 July 1909. Now Red October Sawn GoodsSaw Materials is a leader in lumber in the Perm Krai. The company accounts for 11% of lumber and 4% of wood processing of the total volumes for the region, and employs 200 people. The monthly production volume of saw materials is 5,000 m³.

The main product of Red October Sawn Goodsis square-sawn timber of different cuts and length. The majority of sawn materials undergo chamber drawing to transport moisture level (18±2%), which prevents the timber from being damaged by fungus, stains and rot, and also increases its operational qualities.

One hundred years ago, it was planned that the majority of sawn materials would be sent to foreign markets. The company continues to keep to this policy today. Its main partners are major wood-processing enterprises and wholesale trading companies in Russia, Iran, Italy, Greece, Estonia, France, Belgium, the U.K., Latvia, Syria, Lebanon, Egypt and Jordan.

PERM DSK, 000

The Perm DSK, 000 was formed in 1948. The factory is located on the shore of the Kama River, in a region rich in forest resources. The factory's own capacities allow it to realize the entire production cycle - from logging to loading the finished product.

Today, the Perm DSK, 000 trading house is one of the largest wood processors in the Urals. The main types of production are: chipboard, window and balcony units, door units, finishing articles (skirting boards, jamb linings, all types of trimmings, floor boards), furniture, staircases, and summerhouses.

The factory is carrying out a systematic update of its production facilities. In recent years, a production line was launched on the basis of milling machine equipment for the manufacture of furniture facades and panel door units; a band and disk saw section has been put into operation on the base of the RM-1200 Turkish machines; and the German machine Weining-500 has been installed, significantly increasing the quality of planed articles produced.

Products from the Perm DSK, 000 are delivered to the Urals region, and the republics of Bashkortostan and Udmurtia. Furthermore, the company actively cooperates with companies in Kazakhstan, Kyrgyzstan, Azerbaijan, Georgia, Uzbekistan, Italy, Hungary, Turkey, Syria and Tunisia.

KAMA PULP-AND-PAPER MILL

The Kama Pulp-and-Paper Mill has been operating since 1929; in May 2002, an open joint-stock company was created on the basis of its assets. The mill is part of Investlesprom holding. The Kama PPM is one of the largest paper manufacturers in the Urals region.

The company manufactures offset and wrapping paper, lignosulphonates and electrode cellulose. The latest achievements of the mill include adopting technology for using larch timber in the manufacture of chemico-thermomechanical pulping. Adding this semi-finished product to the composition of paper pulp instead of cellulose increases the durability of the paper.

At present, the Kama PPM is implementing a major investment project for the production of lightly coated paper. It is planned to launch the new production line. It is planned that the mill will produce 85,000 tons of lightly coated paper per year, i.e. around a quarter of the entire volume consumed in Russia. The project has drawn interest on a federal level, for the production from the mill will to a large extent replace the lightly coated paper imported from Finland and Germany on the Russian market. The main contractor for automation of the new production is the American corporation Honeywell International.

GROUP OF ENTERPRISES OF THE PERM PULP-AND-PAPER COMPANY

The Perm Pulp-and-Paper Company (PCBK) is a vertically integrated group of industrial enterprises working in the sphere of the pulpand-paper industry and providing the entire production cycle - from processing of raw materials and production of semi-finished products to production and completion of finished products. The main production is corrugated cardboard. The company also sells paper for corrugating and flat layer cardboard.

The geographical coverage of production of the PCBK encompasses the Central and Volga federal districts, the Sverdlovsk, Chelyabinsk and Tyumen Oblasts, and also the Novosibirsk, Omsk and Kurgan Oblasts. Consumers of PCBK production also include all enterprises of the catering industry in the Perm Krai and in most other Russian regions.

In 2009, the company completed another stage of modernization, which made it possible to increase the output of corrugated cardboard to 300 million m² per year. The new workshop that was created is large enough to be called a new corrugated cardboard warehouse. Five processing lines from the firm Martin and the Fosber corrugator were installed here.

According to the general director of PCBK, Alexander Boichenko, the market needs high-quality packaging: "We built the new

For the new production, it will be necessary to increase the volumes of supplies of raw materials. With the support of the Perm Krai administration, the PCBK has been put on the register of Russian enterprises which will receive access to forest resources without an auction.

The investment project "Organization of felling or modernization of cardboard and paper production and production of corrugated cardboard packaging" was approved by the Perm Krai interdepartmental commission for selecting applications for investment projects in the forestry exploitation sphere, and subsequently by the Russian Ministry of Industry and Trade. The realization of the new investment project will make it possible to increase production of semicellulose and paper for corrugating by four times in comparison with the existing level.

MAJOR PLANS

It is planned to ensure this increase in volume by using the logging complexes "harvester forwarder". To ensure the growth of volumes of deliveries of timber and the regular work of logging enterprises, construction of woodtransport roads which will work all year round is planned. In the woodworking industry, innovations will be directed towards increasing the manufacture of products of advanced processing with high added value, which are competitive on the foreign market. For these purposes, the reconstruction and modification of functioning plants is planned, as well as the completion of objects under construction, and construction of new objects.



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workshop at the right time, in order to keep up in development and be competitive. Our task is now to bring the new production up to the projected capacity."

According to Boichenko, one of the main advantages of the corrugated cardboard factory is that production logistics are up to the level of world standards.

On 30 December 2008, the Forest Plan of the Perm Krai for 2008-2017 was approved.

This document determines the development strategy of the region's forestry complex.

By the end of the indicated period, the volume of logging in the Krai should increase by 1.5 times in comparison with the level of 2007.

OAO KAMA PULP & PAPER MILL



PERM PULP-AND-PAPER COMPANY





Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



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Perm State University Rector Vladimir Vladimirovich Malanin

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Minister



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000 CONSTRUCTION LINES





000 GORNO-ZAVODSKLESPROM









CENTRAI FEDERAL DISTRI	СТ	ENTERPRISES			
	(A-S-A)	OF THE PERM	KRAI		
Bryansk Region		Name	Activity	Address	Contacts
Region		Agatis DOK, 000	Woodworking. Wooden house construction	617062, Perm Krai, Krasnokamsk, Dorozhny Per., 2	Tel.: +7 (34273) 4-09-25, 4-10-03, 4-10-92
Kaluga		Asta, 000	Lumbering. Woodworking	3 1	Tel. +7 (902) 799-11-26
Region		Balatovsky DOZ, 000	Woodworking	614990, Perm, Ul. Ryazanskaya, 105	Tel.: +7 (342) 226-62-23, 226-02-18, td-doz@list.ru
Kostroma	.cc. 😫 25.	Cherdinlesprom, ZAO	Lumbering	618600, Perm Krai, Cherdin, Ul. Prokopievskaya, 59	•
Region		Construction Lines, 000	Wood-sawing	614990, Perm, Ul. Lenina, 66, office 413	Tel. +7 (342) 2770-256 permlestorg@yandex.ru www.permles.ru
Moscow Region		Dacha, 000	Wooden house construction	614000, Perm, Ul. Sovetskaya, 28	Tel.: +7 (342) 210-33-28, 276-11-74, dacha-perm@yandex.ru, www.dachnick.ru
1/1 _ 10 _ 0		Derevyannoye Zodchestvo, 000	Wooden house construction	618740, Perm Krai, Dobryanka, Ul. Leonova, 3	Tel.: +7 (34265) 2-86-58, 2-60-19 brusdom@brusdom.ru, www.brusdom.ru
Vladimir Region	R	DVP-Energo, 000	Woodworking: fiberboard	618235, Perm Krai, Chusovoi, PGT Lyamino, Ul. Zavodskaya, 10	Tel. +7 (34256) 5-34-49
Yaroslavl		EcoDom, GK	Low-rise wooden house construction	614000, Perm, Ul. Revolyutsii, 7	Tel.: +7 (342) 216-58-34, 262-87-36, 259-12-75, kotpk@mail.ru, www.tdecodom.ru
Region VOLGA	1	EcoWin PK, 000 (Sarsinsky DOK)	Woodworking. Wooden house construction: houses from roundup logs.	617870, Perm Krai, Oktyabrsky Rayon, Pos. Sars, Ul. Sovetskaya, 39	Tel. +7 (34266) 323-77, office@ecowin.ru, www.ecowin.ru
FEDERAL DISTR	ICT	Evergreen, Foreign Trade Firm, 000	Woodworking	614065, Perm, Ul. Militsionera Vlasova, 4	Tel.: +7 (342) 226-97-11, 226-94-84, Fax +7 (342) 226-93-90, evergreen@perm.ru
Region	Δs	Glued Wooden Works, 000	Woodworking	618400, Perm Krai, Berezniki, Pr. Lenina, 47	Tel.: +7 (34242) 6-45-83, 9-73-79 udkber@yandex.ru
Nizhny Novgorod	120	GornozavodskLesProm, 000	Lumbering. Wood-sawing	614045, Perm, Ul. Krasnova, 30	Tel.: +7 (342) 238-83-41, 238-83-35, 238-83-448, info@gzlp.ru, www.gzlp.ru
Region		Gran, 000	Lumbering. Wood-sawing	618245, Perm Krai, Chusovsky Rayon, PGT Kalinino, Ul. Pervomaiskaya, 1Б	Tel.: +7 (34256) 5-43-48, 5-43-04 gran1997@mail.ru
Perm	200	Grindom, 000	Wooden house construction	614000, Perm, Ul. Geroyev Khasana, 9A, office 412	Tel. +7 (342) 298-23-54, grindom@perm.ru
Krai	20	Kama, 000	Wood-sawing	618200, Perm Krai, Chusovoi, Ul. Klubnaya, 49A	Tel. +7 (34256) 5-26-50
Republic of Bashkortostan	(STOR	Kama Pulp & Paper Mill, OAO	Pulp-and-paper	617060, Perm Krai, Krasnokamsk, Ul. Shosseinaja, 11	Tel. +7 (34273) 9-53-88, 9-54-36, 9-53-85, kcbk@permoline.ru, www.investlesprom.ru
Pasiikoi tostali		Kochevsky Woodworking Plant, 000	Woodworking	614039, Perm, Ul. Sibirskaya, 47A	Tel.: +7 (3422) 57-62-65, 57-62-64, kdk91609@mail.ru
Republic of Tatarstan		Kontio-Perm, 000	Wooden house construction	614000, Perm, Ul. Sovetskaya, 25	Tel.: +7 (342) 210-36-66, 218-21-83, info@kontio-perm.ru, www.kontio-perm.ru
Ulyanovsk		Krasnokamskaya Paper Mill, Filial FGUP Goznak	Pulp-and-paper	617060, Perm Krai, Krasnokamsk, Ul. Shkolnaya, 13	• • •
Region		Lesnaya Company, 000	Lumbering	618870, Perm Krai, Gornozavodsky Rayon, Pos. Teplaya Gora, Ul. Sovetskaya, 75	Tel.: +7 (34269) 3-67-10, 3-67-11 3-44-35

Name	Activity	Address	Contacts
Litvensky Lespromkhoz, 000	Wood-sawing	618330, Perm Krai, Alexandrovsk, Ul. Mekhonoshina, 1	Tel.: +7 (34274) 3-25-65, 3-25-66
Magistral-Trade, TD, 000	Wood-sawing: plank timber	614000, Perm, P.O. Box 98	Tel. +7 (3422) 10-13-09, magistr@mail.perm.ru
Merged Forestry Company, 000	Wood-sawing	614000, Perm, Ul. Papanintsev, 21	Тел.:(342) 276-28-76, 276-29-68, olk.perm@list.ru, www.softwood.r
Omikron, 000	Lumbering. Woodworking	614056, Perm, Ul. Vostochny Obkhod, 80	Tel. +7 (342) 241-67-92, omikron.perm@mail.ru, www.omikron-perm.ru
Osentsovsky DOK, OOO	Woodworking	614065, Perm, Shosse Kosmonavtov, 316/1	Tel. +7 (342) 294-91-25/24, osentzy@perm.ru
PCBK, ZAO	Pulp-and-paper	614037, Perm, Ul. Bumazhnikov, 1	Tel. +7 (3422) 63-90-90, 63-92-50, pcbk@pcbk.perm.ru, www.pcbk.perm.ru
Perm DSK, 000	Wood-sawing. Woodworking. Furniture production	614026, Perm, Ul. Dachnaya, 10	Tel.: +7 (342) 263-46-84, 270-33-11, 270-34-11, Fax +7 (342) 263-47-81, permdsk@yandex.ru, www.permdsk.ru
Perm Forestry Company	Lumbering. Wood-sawing	614066, Perm, Ul. Mira, 26, office 19	Tel.: +7 (342) 227-46-89, 227-47-65, 227-48-78, info@permwood.ru, www.permwood.ru
Perm Plywood Mill, 000 (a part of Sveza Group)	Woodworking: plywood, fiberboard and laminated fiberboard	617005, Perm Krai, Nitvensky Rayon, Pos. Uralsky, Ul. Moskovskaya, 1A	Tel.: +7 (34272) 52-570, 95-441, Fax: +7 (34272) 3-07-82, 3-02-2 info.pfk@sveza.com
Permfanles, 000	Lumbering	614066, Perm, Ul. Snaiperov, 1	Tel.: +7 (342) 219-08-54, 219-08-55, urles@urles.perm.ru
Red October Sawn Goods, OAO	Wood-sawing	614058, Perm, Ul. 9 Yanvarya, 16	Tel.:+7 (342) 256-40-50, 238-55-83, www.rosawmill.ru
Region-Complex, 000	Woodworking	618960, Perm Krai, Lisva, Ul. Revolyutsii, 9	Tel.: +7 (34249) 9-22-98, 9-23-5 9-25-94
Rossia, ZAO	Woodworking	614087, Perm, Ul. Malkova, 22	Tel.: +7 (342) 237-90-33, 237-99-94, russia@permonline.ru, www.rossia.perm.ru
Russian Art of Wooden Building	Lumbering. Wood-sawing	618550, Perm Krai, Krasnovishersk, Ul. Zavodskaya, 13	Te. +7 (34243) 30-092, www.bestsrub.ru
Russian Plywood TD, ZAO	Woodworking: plywood, fiberboard. Wood-sawing. Furniture production: internal doors	614022, Perm, Ul. Stakhanovskaya, 4	Tel.: +7 (342) 290-97-77, 224-10-05, fandvor@rusply.ru, www.rusply.ru
Russky Les	Wooden house construction	614990, Perm, Ul. Danschina, 5, office 101	Tel.: +7 (342) 257-03-56, 276-20-26, 2762026@mail.ru, www.rusles.perm.ru
Severny Platan Timber- Processing Plant, 000	Woodworking	614113, Perm, Ul. Prichalnaya, 27	Tel.: +7 (342) 253-01-51, 253-07-13, Sever_info@platan.perm.ru
Solikamskbumprom, OAO	Pulp-and-paper. Dendrochemistry	618540, Perm Krai, Solikamsk, Ul. Kommunisticheskaya, 21	Tel.: +7 (34253) 6-46-63, 4-74-3 solbum@permonline.ru, www.solbum.ru
Ural Wooden Houses, 000	Wooden house construction. Bio- energy: wooden pellets	618400, Perm Krai, Berezniki, Ul. Karla Marxa, 107	Tel.: +7 (3424) 26-38-95, (901) 26-56-442, ddu59@rambler.ru
Usadba, Full-Service Company	Wooden house construction	618400, Perm Krai, Berezniki, Ul. Karla Marxa, 109	Tel.: +7 (342) 220-37-78, (902) 47-95-108, www.pskusadba.ru
Wood-Trade, 000	Wood-sawing. Woodworking. Wooden house construction	614066, Perm, Ul. Sovetskoi Armii, 11, PO Box 2293	Tel.+ 7 (342) 237-97-17, Fax +7 (342) 227-47-93, info@woodtraid.ru, sklad@woodtraid.ru, www.woodtraid.ru

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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

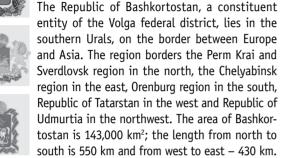
Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



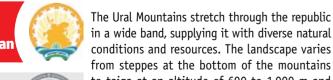
It is ranked 27th by area in the Russian Federation; by population it is seventh, with 4 million people, the majority of whom (59.8%) are concentrated in urban areas. The population density is 28.3 people per square kilometer compared to the Russian average of 8.3 people per square kilometer.

The republic is two hours ahead of Moscow time.

The republic comprises 54 administrative districts, including 4,674 populated areas, among which are 21 cities. The capital of Bashkortostan is the city of Ufa, with a population of 1,050,000 people. Relatively large cities include Sterlitamak, Salavat, Neftekamsk and Oktyabrsky.

The republic has two official languages - Russian and Bashkir. According to a previous national census, Russians account for 36% of the population of the republic, Bashkirians comprise 30% and Tatars 24%. The first and lifelong president of the Republic of Bashkortostan is Murtaza Rakhimov.

NATURE



*

aia

conditions and resources. The landscape varies from steppes at the bottom of the mountains to taiga at an altitude of 600 to 1,000 m and on the so-called goltsy altitudinal belt.

The highest point is Mount Yamantau (1,640 m), the highest mountain of the Southern Urals. In Bashkir, Yamantau means "bad mount": its slopes are boggy and covered with piles of rocks, preventing the land from being used for pasture.

The largest river is the Belava River (its Bashkir name is Aghidhel), with a length of 1,430 km. Its source lies in the Southern Urals. Narrow and steep-banked upstream, the river becomes fairly lowland-like after the inflow of the Nugush and Ufa rivers. Navigation is possible downstream of the settlement of Tabynsk, and the Belava River is a key waterway of the region. Since it flows into the Kama River, long-distance water transportation is possible. In particular, the Belava is part of the Moscow-Ufa route. It should be noted, however, that the river has become considerably shallower during recent years due to the creation of a water reservoir.

The republic has about 2,700 lakes, located mainly in the Trans-Urals. Most lakes stretch along mountain ridges and are rich in fish. The largest lakes are Aslykul (18.5 km²) and Qandrykul (12 km²).

Bashkortostan is home to the Bashkiria national park and the Bashkirsky, Yuzhno-Uralsky and Shulgan-Tash reserves.

CLIMATE

REPUBLIC OF BASHKORTOSTAN

Bashkortostan is extremely fortunate: it is a comparatively small area that

is blessed with rich forests, oil, gas and gold deposits and other treasures.

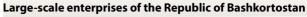
Other obvious benefits include its favorable geographical position, well-

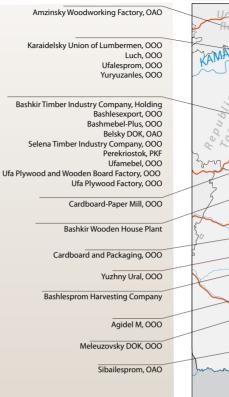
developed transport infrastructure and attractive investment climate.

The climate is moderately continental, characterized by a long snowy winter and warm summer. The weather is changeable. In the north, it is subject to the influence of the Arctic Ocean; in the south, to the arid regions of Kazakhstan and the Transcaspian lowland. The average January temperature is -18°C; in July it is +18°C.

The period with an average daily air temperature above 0°C begins in early April and ends in late October. Snow covers the ground from the first half of November until mid-April, with an average depth of 36-55 cm. The final frosts occur in late May, although in mountainous districts they may be recorded up until late June.

The volume of precipitation varies enormously in different districts. Thus, annual precipitation is 640-700 mm on the western slopes of the Ural Mountains, 300–500 mm on the eastern slopes, and 400–500 mm in the western plains of the region.





TRANSPORT

Bashkortostan has a fairly favorable geographical position on the border of two continents and two economic regions: the Volga and Urals. Key railway lines, pipelines and throughways pass through its territory, connecting the European part of Russia with the Urals and Siberia.

Bashkortostan has direct rail connections with Kazakhstan, Uzbekistan, Turkmenistan and the downstream Volga area.

The republic has a developed network of waterways. The length of navigable inland waterways is 929 km. The Belaya River, a tributary of the Kama, provides access to ports in the basins of the Caspian, Baltic, Black, Azov, North and Mediterranean seas. Water transport accounts for about 2.5% of the republic's transportation infrastructure.

The local transport infrastructure boasts one of the longest public road networks, with a total length exceeding 25,000 km. In terms of road density, the region is fifth in the Volga federal district.

A significant proportion of Bashkortostan's transport infrastructure is comprised of pipelines, ensuring the supply of hydrocarbon resources. In 2008, the main pipelines with a length of 9,400 km pumped over 84.7 million tons of gas and 7.6 million tons of oil products.

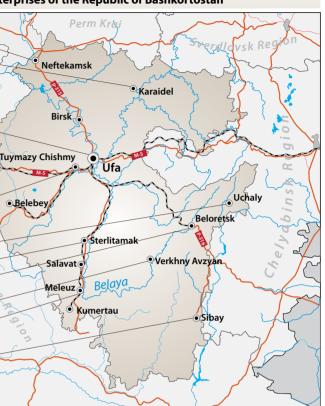
MINERAL RESOURCES

Bashkortostan is among the leading regions for a wide range of mineral extraction. The area of the republic covers several zones that are geologically markedly different: the eastern margin of the Russian platform, Pre-Urals foredeep, and folded mountainous Urals and Trans-Urals. Each zone is dominated by certain minerals: the platform part has oil and gas deposits, while the folded Urals and Trans-Urals contain mineral ores. In total, over 3,000 deposits of 60 minerals are registered in Bashkortostan (1,170 of them are on the









OAO Ufa International Airport is used by more than 50 air carriers, and the range of routes across the Russian Federation, Europe, and the Far and Middle East is constantly expanding.



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

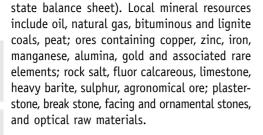
Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



The biggest of the republic's 189 oil and gas fields currently being exploited are the Arlanskove, Shkapovskove, Tuymazinskove, Serafimovskove, Mancharovskoye and Sergueyevskoye deposits. Oil extraction peaked in the 1950s and '60s, when it approached 55 million tons per year. Nevertheless, current rates are still impressive

- about 11 million tons of oil and 400 million m³ of gas per year.

Copper-sulphide deposits supply basic raw materials to the non-ferrous metal industries of Bashkortostan and all of the Urals. Thirty percent of the Urals' copper deposits and 48% of the region's zinc is concentrated here. Precious metals are mainly extracted from cupriferous ores, while nuggets or stream gold are less common. The republic's subsoils have already yielded about 460 tons of gold, and this figure continues to grow.

Upstream, the Belaya River offers multiple deposits of small diamonds, which is a promising premise for further exploration.

The republic's construction materials industry procures raw materials from developed deposits of brick and keramzite clays (170 and 12 fields, respectively), sand and gravel mix (121 fields), structural stones and sands, plaster (13 fields), and calcium carbonate for lime (31 fields).

Lignite coal mining shows good potential. Large deposits - about 250 million tons - have been discovered near the city of Kumertau, though large-scale development has not yet begun.

The Beloretsk and Uchaly districts are rich in ornamental jasper, boundstone and algal limestone, dolerite, agate, blue elvan, marble and other stones used by lapidaries.

In addition, the republic has more than 50 developed sources of mineral water, therapeutic mud and thermal vapors used by renowned sanatoria and resorts including Yangan-Tau, Krasnousolsk, Assy, Yumatovo and Yakty-Kul.

According to the Bashkir government, the republic's mineral resources are sufficient to meet its needs for many decades, especially since many deposits remain unexplored.

INDUSTRY

Bashkortostan is an excellent example of the large-scale commercialization of natural resources. Enterprises relying fully or mainly on local raw materials account for more than half of the republic's industrial capital. It is unsurprising that the republic, which has vast natural treasures and knows how to use them, is one of the most economically advanced regions of the Russian Federation. Developed fields facilitate a robust minerals and raw materials industry, including oil extraction and refining, ferrous and non-ferrous metal industry, chemical production and the manufacture of construction materials. These spheres together account for two-thirds of local industrial production.

Bashkortostan is considered to be the biggest national chemical producer and occupies first place in the production of synthetic resins and plastics, soda ash, and butyl and isobutyl alcohols; third place in the production of caustic soda; and fourth place in polyethylene and synthetic rubbers.

Bashkortostan's natural conditions facilitate the development of agriculture. The republic produces 4.5% of all Russian agricultural products, and is the national leader in the production of whole milk and kumis. Potatoes, vegetables and grain crops are also cultivated here. Animal husbandry is a key activity in the region, and the republic is second to none in terms of horse and cattle populations. Bashkortostan lime honey is well known all over Russia.

Bashkortostan has well-developed timberprocessing, machine-building and metalworking industries. Machinery such as aircraft turbojet engines, modernization kits for engines and special tractor lifts, trailers, dumper-trucks and special purpose vehicles is exported in large volumes.

The local industrial production index in 2009 was 96.6% compared to 2008, and 108% in December 2009 compared to December 2008. In terms of the absolute indicator of retail turnover, Bashkortostan is a permanent member of the top ten regions of Russia.

FOREIGN TRADE

In terms of foreign trade turnover, the republic occupies third position in the Volga federal district (with a 13% share). The major items

exported are mineral fuel, oil and oil products, chemical products and rubber.

Bashkortostan currently trades with 101 countries, with exports significantly exceeding imports.

Geographically, trade is mostly conducted with non-CIS countries, which account for 83% of the total turnover. The republic traditionally has close ties with European countries, especially the Czech Republic and the Netherlands. Cooperation with Kazakhstan, Turkey, Latvia, Ukraine, Finland, Italy, the U.S. and China is rapidly growing. These countries account for 74.8% of the republic's foreign trade turnover. In 2008, the local market saw the entrance of companies from countries such as Bangladesh, the Dominican Republic and the Solomon Isles. Trade relations with Angola, Kenya, Norway, Panama and Uruquay have been resumed.

According to data from the government administration, Bashkortostan is among the

HARDWOOD TREASURE

THE AGGREGATE TIMBER STOCK OF THE REPUBLIC OF BASHKORTOSTAN IS ESTIMATED AT 766 MILLION M³

The last 100 years have seen a drastic change in the composition of Bashkortostan's forests. The area covered by forest has nearly halved and conifers have given way to the invasive lime.

Forests, made up mainly of hardwood species, stretch over more than 40% of the republic. This was not always the case: up until the mid 19th century, 70% of the area of the republic was covered by forests dominated by conifers (pine and larch) and valuable hardwood species. Intensive logging, uncompensated by forest regeneration schemes, has led to the reduction of the forested area, which is now nearly 50% less than it used to be.

Bashkortostan has an uneven forest cover varying from 6 to 10% in the Blagovar, Davlekanovo, Kuyurgazinsky and Sterlitamak districts to more than 81% in the Burzyansky and Beloretsk districts. The composition of Bashkortostan's forests includes 20 species. In terms of area occupied, they rank in the following order: birch (24.9%), lime (19.1%), pine (13.6%), aspen (13.2%), oak (4.8%), spruce (4.7%), maple (2.8%), white alder (3.3%), black five to seven species. Softwood species account for one fifth of the forested area and are concentrated primarily in the mountainous regions of the republic: the lower elevation forests are pine, while the higher elevation is comprised of spruce doming an exuberant green ground cover of taiga plants. Pine forests are especially abundant in the central ridges of the Bashkortostan Urals, which contain 70% of pine stands. Pine outliers are a specific feature of Bugulminsko-Belebeyevskaya upland. Large pine forests are located in the northwest of the republic (in the Dyurtyulinsk and Krasnokamsk districts); fairly large pine forests can be found on the Ufimskoe plateau and Mesyaqutovo forest steppe.





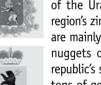














Export structure of the Republic of Bashkortostan Chemical products, rubber - 12.1% Timber and paper products - 0.8% Metals and metal products - 3.4% Machines, equipment, transport - 5.2% Foodstuffs and agricultural raw materials - 0.1% Mineral products, fuel - 77.8% **Other – 0.6%**

top ten regions in terms of the volume of taxes, fees and other obligatory payments contributed to the budget of the Russian Federation, and is the second richest constituent entity in the Volga federal district.

alder (0.8%), Ulmoideae (0.8%), fir (0.7%), larch (0.8%) and poplar (0.55%). The stand composition is complex, sometimes reaching



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Bryansk Region

Kaluga Region

Kostroma Region



- 12	Alea under forest vegetation	5,164,005
	Protected forests	2,171,409
	Commercial forests	3,570,670
	including those with predominance of:	
	- coniferous species	1,141,117
	including young stands	536,751
	- hard-wooded broadleaved species	478,612
e an	including young stands	18,451
	- soft-wooded broadleaved species	3,564,673
	including young stands	351,718
	Plantations	671,505
Ĩ.	Unclosed plantations	67,228
SE	Forest regeneration fund	45,471

Table. Forest fund area, ha

Total area

Area under forest vegetation

5,742,079

5 184 003

Vladimir Region

Moscow

Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

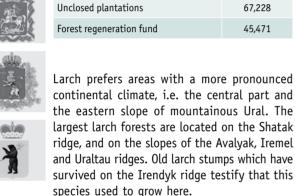
Perm Krai



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Republic of Tatarstan

Ulyanovsk Region



Dark coniferous forests dominate the mountainous part of the Bashkortostan Urals, concentrated in two large habitats - the Ufimskoe plateau and the northern Beloretsk district. These forests, like pine ones, have suffered severely from intensive logging. Their area was reduced by more than 25% in the last 50 to 60 years alone.

Eighty percent of the forest area of the republic is occupied by hardwoods: broad-leaved (lime, oak, maple, elm) and small-leaved (birch, aspen, black and white alder and various willow species).

Broadleaved forests make up one third of all of Bashkortostan's forests. Among these, the lime

Table. Timber stock, per 1,000 m³

~	Total stock	766,855.7
	including mature and overmature forests	424,568.5
	Among total stock, stands with predominance of:	
r I	– coniferous species	174,930.7
	- hard-wooded broadleaved species	57,000
	- soft-wooded broadleaved species	534,925
kar a		

forests occupy the most area. They occur in the European part of the region, but are especially abundant in the Pre-Urals foredeep, Ufimskoe plateau and Bugulminsko-Belebevevskava upland. The rest of the lime stock forms outliers scattered over the territory of the republic. Its high reproduction rate makes it an expanding species.

Oak is concentrated in western Bashkortostan on the low western slope of the southern Urals and occurs in the form of small stands on the Ufimskoe plateau and Bugulminsko-Belebeyevskaya upland. It grows mainly on highlands and in floodplains.

Maple is a constant representative of the broadleaved forests. Its basic habitat is the low foredeep of the western slope of the southern Urals, Ufimskoe plateau and Bugulminsko-Belebevevskava upland. By nature, the maple is a minor species in the broadleaved forests, though it may dominate in stands located in low shadowy couloirs in the northern and northwestern slopes.

Witch elm and European white elm commonly accompany forest-forming broadleaved species, though they are able to make up pure stands or stands with admixture of other species.

Small-leaved forests are primary and secondary stands appearing on conifer or broadleaved cutovers. Most birch forests belong to such secondary stands. Among small-leaved forests, unpretentious aspen invades vast areas. White alder growing on water-saturated soils along rivers and springs can be seen all over Bashkortostan. Black alder occurs rarely, especially in the medium-altitude southern Urals, Ufimskoe plateau and in the Trans-Urals. This fast-growing species may reach up to 30 meters in height and forms pure or mixed stands in wet lowlands. Woody and bushy willow coppices prefer floodplains. Bashkortostan boasts 26 willow species, including widespread ones such as European, almond-leaved and sallow, and rare ones such as balsam, arctic, blue-grey and Starke's.

70.8% of the total timber stock is located in forests classified as commercial, in which softwooded broadleaved tree species account for 71.9%, coniferous species make up 20.9% and hard-wooded broadleaved species 7.2%.

The distribution dynamics of coniferous and soft-wooded broadleaved species have shown a positive trend since 1966, while hard-wooded

Table. Dynamics of forest age structure (per 1,000 ha)

	Accounting years						
Age groups	1978	1983	2003	2007			
Coniferous:	1,052.4	1,086.4	1,031.3	1,141.1			
young stands	388.9	413.3	530.1	536.8			
premature	180.1	180.5	139.2	161.3			
maturing	247.7	247	147.3	125.7			
mature and overmature	235.7	245.6	214.7	317.3			
Hard-wooded broadleaved:	812.7	759.4	446.2	478.7			
young stands	49.5	39	19.2	18.5			
premature	292.8	252.9	117.8	130.8			
maturing	62.7	75.5	56.9	58.6			
mature and overmature	407.7	392	252.3	270.8			
Soft-wooded broadleaved:	3,112.3	3,120	3,128.3	3,564.2			
young stands	465.5	448.9	373.3	351.7			
premature	990.9	970.8	809.9	852.5			
maturing	415.5	437.7	504.7	552			
mature and overmature	1,240.4	1,262.6	1,140.3	1,808			

broadleaved species have seen a negative one. The fastest expanding species is pine, while the habitat of fir has shrunk by more than 50%. The areas of all dominant species of hard-wooded

TIC PRODUCTS SHARE IS SHRINKING

PERFORMANCE RECORD FOR 2009 OF FORESTRY ENTERPRISES OF THE REPUBLIC OF BASHKORTOSTAN

The Bashkortostan timber industrial complex comprises 1,095 enterprises of all forms of ownership, including 260 logging enterprises, 489 timberprocessing companies, 40 pulp-and-paper producers, 305 furniture producers and a timber chemical plant. The TIC employs about 13,000 people.

The major loggers, timber-processing enterprises and timber-based product manufacturers are members of the Bashkir Timber Industry Company LLC holding (000 LZK Bashlesprom),



Table. Dynamics of distribution of area under forest vegetation by dominant species (per 1,000 ha)

Dor

Conifero

inc. pi

Hard-wo

inc. oa

elm and

Soft-woo

inc. bi

aspen

lime

manle

sprice

fir

•			••		•			
ninant species	Year							
innant species	1966	1973	1978	1983	2003	2007		
us, ine	900.1 512.5 251.1 113.0	1,009.6 623.6 232.4 104.9	1,052.4 688.2 232.9 98.8	1,086.4 722.0 237.3 92.6	1,031.3 685.0 257.1 46.1	1,141.1 782.5 272.2 42.4		
oded broadleaved, ak other Ulmoideae	897.4 546.3 271.0 79.8	846.5 507.7 266.6 71.4	812.8 497.8 256.4 57.4	736.0 486.4 198.6 51.0	446.2 241.3 159.6 40.0	478.7 261.1 160.2 43.9		
oded broadleaved, irch	3,089.9 1,343.0 840.8 671.1	3,117.1 1,296.0 829.4 823.3	3,127.6 1,259.6 831.6 881.0	3,120.0 1,233.3 804.8 937.9	3,128.3 1,193.7 698.4 954.3	3,564.2 1,434.8 757.9 1,093.2		

Data taken from the Forest Plan of the Republic of Bashkortostan Pie chart. Forest composition by area occupied, % birch (24.9), lime (19.1), pine (13.6), aspen (13.2), oak (4.8), spruce (4.7),

maple (2.8), white alder (3.3), black alder (0.8), Ulmoideae (0.8), fir (0.7), larch (0.8), poplar (0,55).

broadleaved stands are decreasing. In particular, oak is declining due to its low resistance to diseases and unfavorable climatic factors.

The annual allowable cut for commercial harvest is 9.5 million m³, including 0.8 million m³ of conifers. During the last 40 years, the increasing average increment and increment per hectare of the main forest forming species has resulted in the total stock growing by 68.6 million m³ or 10.6%, and the stock of mature and overmature stands by 25.4 million m³ or 8.8%.

000 Ufimsky Fanerny Kombinat, 000 Ufimsky Fanerno-Plitny Kombinat, 000 Bashlesexport, 0A0 Amzinsky Lesokombinat (of which the government owns 24%).



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



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Kirov Region

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



LIST OF MAJOR REGIONAL COMPANIES

Timber loggers:

000 Lesozagotovitelnaya Kompaniya Bashlesprom (includes 7 companies: 000 Burzyansky Lespromkhoz, 000 Inzersky Lespromkhoz, 000 Beloretsky Lespromkhoz, 000 Avzyansky Lespromkhoz, 000 Zigazinsky Lespromkhoz, 000 Kananikolskoye LPKh, 000 Tirlyansky Lespromkhoz); • OAO Amzinsky Lesokombinat:

- 000 Karaidel Timber Producers Union (includes seven companies: 000 Luch, 000 Yuryuzanles, 000 Mullakay, 000 Bashecoles, 000 Nadezhda, 000 Ozerles, 000 Maginskles).

Timber-processing and timber product manufacturers:

- 000 Ufimsky Fanerny Kombinat; - 000 Ufimsky Fanerno-Plitny Kombinat:

- 000 Meleuzovsky

Derevoobrabatyvayuschy Kombinat; - OAO Belsky Derevoobrabatyvayuschy Kombinat.

Timber chemical production:

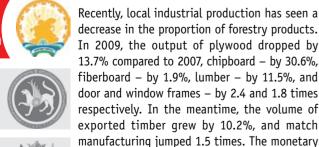
- OAO Amzinsky Lesokombinat.

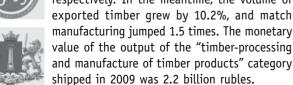
Pulp-and-paper production:

- 000 Kartonno-Bumazhny Kombinat; - 000 Karton I Upakovka.

Furniture production:

- 000 Veles:
- 000 Antares:
- 000 Ufamebel;
- 000 Apogey;
- 000 Agidel-M.





In 2009, the output of plywood dropped by 13.7% compared to 2007, chipboard - by 30.6%, fiberboard - by 1.9%, lumber - by 11.5%, and door and window frames - by 2.4 and 1.8 times respectively. In the meantime, the volume of exported timber grew by 10.2%, and match manufacturing jumped 1.5 times. The monetary value of the output of the "timber-processing

TIC share in industrial products manufacturing of the Republic of Bashkortostan

2000 - 1.3%	2005 - 1.7%
2001 – 1.6%	2006 - 1.6%
2002 – 1.8%	2007 – 1.3%
2003 – 2.1%	2008 – 0.9%
2004 – 1.9%	2009 – 0.9%

These overall performance indicators were influenced by the final figures of the major TIC - 000 Ufimsky Fanerny Kombinat and 000 Ufimsky Fanerno-Plitny Kombinat. The volume of products shipped by them was 1.8 billion rubles, i.e. 81.8% of the total volume of shipped products of the above mentioned categories.

INNOVATIONS

The crisis inevitably affected timber producers, though late 2009 saw a slowing-down in falling production, especially in advanced timberprocessing.

In particular, following a development program for the Karaidel district through the year 2012, two advanced timber-processing workshops have been built: 000 Ufalesprom in the village of Baikibashevo, with an annual capacity of 15,000 m³, and 000 Yuryuzan-Drev in the village of Novy Berdyash, with an annual capacity of 5,000 m³. Another workshop is planned to be built in the Maginsk settlement.

The commodity output of 000 Karaidel Timber Producers Union at the end of 2009 was 78.7 million rubles — 41% more than in 2008. IPI was 110.4%.

By-products of soft-wooded broadleaved timber are disposed of by 000 Luch, which operates a 1 tpd charcoal plant, and an additional 3 tpd furnace has been put into operation. The volume of investment is 2.2 million rubles.

For the purpose of disposing of charcoal production waste, specialists of Ufa Akmulla Bashkir State Pedagogical University are conducting research into turning cinder and wood waste into briquettes. The positive laboratory results obtained offer another direction for advanced timber processing.

The current equipment depreciation index of Bashkir TIC companies is 70%; consequently the primary strategy is to refurbish and reconstruct production facilities.

Volume of timber harvested in Industrial production indices (IPI), % against

the Republic of	Bashkortostan	the previous	year						
Year	Volume (1,000 m ³)		2003	2004	2005	2006	2007	2008	2009
2003	1,662.8	Timber-							
2004	1,797.6	processing and	103.2	111.8	118.3	97.3	95.6	101.3	83.7
2005	1,753.9	timber products							
2006	1,571.5	Cellulose, pulp, paper, cardboard							
2007	1,522.7	and products	153.2	130.4	104.2	90.0	102.4	90.5	92.3
2008	1,536.4	thereof							
2009	2,581.6	Furniture	-	-	-	-	81.4	80.7	49.7

LOGGING

The IPI of logging activity in 2009 was 110.2% of that in 2008.

The annual allowable cut for commercial logging as of 1 January 2010 was 9,588,800 m³; the total harvest was 2,581,600 m³ of timber, the total volume of removal being 11,901,500 m³, i.e. 21.7%. The harvest in mature and overmature forests was 1,774,000 m³ of timber, or 18.5% of the AAC.

The majority of forest users are state-financed organizations and the population, harvesting 1,420,000 m³ of timber, thus satisfying 75.5% of their needs. The volume of harvest on leased plots is 177,100 m³, or 17.4% of the permitted 1,019,300 m³.

PULP-AND-PAPER PRODUCTION

The IPI of pulp-and-paper production, publishing and printing was 92.6% in 2009.

A 7.4% decline in the IPI of cellulose, pulp, paper, cardboard and products thereof was the result of the IPI of 000 Yuzhny Ural, which is responsible for the entire manufacturing process of corrugated cardboard and packaging, being reduced to 67%.

In order to increase output and meet consumer demand, new equipment made by Jingshan Mash Jingshan (Hubei, China) for manufacturing 3-layer corrugated cardboard with a width of up to 2,200 mm was put into operation in June 2009.

The main activity of 000 Karton I Upakovka (in the town of Uchaly) is the manufacture of cardboard and paper made of customer-owned raw materials. The company plans to expand its production by refurbishing the cardboard line through 2009-2010 in order to increase quality and widen its range of products. The general equipment and engineering supplier is Papcel company, though part of the equipment is

FURNITURE

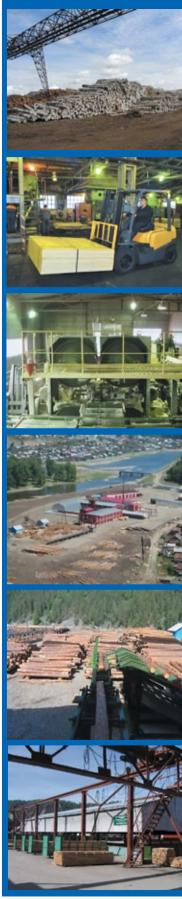
procured from other European manufacturers. The refurbished 370 tpd cardboard line will produce 2-layer cardboard for liners and top cardboard liner. The new equipment has been delivered and is currently being assembled. After reconstruction, the production capacity and enhanced operational product range control will make the company one of the leading Russian manufacturers using waste paper as a raw material.

Furniture IPI of large and medium-size companies dropped by 50.3%, although there are 324 furniture manufacturers in the republic. The beginning of the year saw a significant decrease in the manufacture of chairs, sofas, banquettes, studio-couches and other products. Nevertheless, some furniture makers have managed to stay afloat.

In particular, 000 Ufamebel, which specializes in residential and office casegoods, was affected by the crisis during the first part of 2009, when output fell by 20.7% due to a lack of orders. The company was however able to compensate for this shortage by increasing its number of clients in the second part of the year. The volume of products shipped in 2009 was 553 million rubles, i.e. 105% compared to 2008. The company's marketing network covers 350 Russian cities, as well as Kazakhstan, Armenia, Mongolia, Ukraine and Belarus.

000 Bashmebel-plus has extended its range of high-tech production equipment, adding a new Italian ORMA press and a high-performance Weinig molder. This enabled the company to start manufacturing a series of other products: edge-glued panels, laminated and veneered chipboard and MDF, high-quality moldings (linings, tongue-and-groove flooring, blockhouse, plinth, frames, etc.) Moreover, it launched a production line of luxury home and office furniture faced with veneer of valuable species, with solid wood facades and decorated with veneer.

BASHKIR TIMBER INDUSTRY COMPANY, HOLDING



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



INVESTMENTS: MINIMAL RISK

THE ADVANCEMENT OF BASHKORTOSTAN'S TIC DEPENDS ON THE IMPLEMENTATION OF PRIORITY FOREST DEVELOPMENT INVESTMENT PROJECTS

A minimal level of investment risk, coupled with a broad range of raw mineral materials, favorable geographic location and advanced infrastructure make the republic an attractive investment target.

According to the investment attractiveness rating of the Russian regions, Bashkortostan has been among the top three regions for minimal investment risk since 1994.

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The republic currently has a Bal long-term credit rating with stable outlook, and BB+ with stable outlook, assigned by Moody's and Standard&Poor's rating agencies, following Moscow, St. Petersburg and the Khanty-Mansiisk autonomous district.

According to the official catalogue of investment projects of the Republic of Bashkortostan, the region sees an inflow of investments from 25 countries and more than 730 companies with foreign capital. Among the most active investors (accounting for more than 90% of attracted investments) are the U.K., Ireland, Austria, the Czech Republic and Cyprus.

The volume of foreign investment received by Bashkortostan in 2009 was \$169.3 million (40.6% of which was direct investment, 9.6% portfolio and 49.8% other).

In economic terms, the sectors seeing the most investment are timber-processing units (24.6% of investments into large and medium-sized businesses and organizations), mining operations (10.7%), transport and communications (18%), and real estate operations, lease and supply of services (10.9%).

As of late December 2009, the total volume of foreign investment into the Republic of Bashkortostan was \$505.7 million.

There is no doubt that the further development of Bashkortostan's timber industry complex will be directly dependent on the implementation of priority investment projects in the sphere of forest development.

The Republic of Bashkortostan provides assistance in the form of subsidized interest rates on loans granted to innovative companies, including those working in the forestry industry, which are provided by the republic's ministry of industry and foreign economic relations as part of the republic's target innovation program for 2008-2010. Subsidies equal to half of the refinancing rate of Russia's Central Bank are granted from the date the loan was issued, but for no more than 50% of the actual interest charges.

TIMBER INDUSTRY COMPANY **PRIORITY INVESTMENT PROJECTS. REPUBLIC OF BASHKORTOSTAN**

Project name: Creation of a complete cycle timber-processing unit

Location: Beloretsk district.

Initiator (contractor, participants): 000 SELENA Logging-Lumbering Enterprise, Project description and aim, committed capacity: Manufacture of timber houses. Participation in the national "Affordable and Comfortable Accommodation for Russian Citizens" program.

Market: Regional.

Total investment (project investment value): 2.1 billion rubles.

Project duration: N/A

Payback period: N/A

Raw materials: According to the Ministry of Industry and External Economic relations of the Republic of Bashkortostan, SELENA has already concluded lease agreements with an annual allowable cutting-rate of 308,500 m3, including 149,800 m³ of conifers, and started harvesting timber in the settlement of Tirlyan on 1 November 2009. In addition, on the order of 000 SELENA, FGUP Povolzhsky Lesproekt has developed a forest development project and

established the forest fund in the district where the plots in guestion are located.

Equipment, infrastructure: In order to create a complete timber-processing cycle, equipment suppliers, together with a planning association, selected sites for the primary processing and loading of raw materials. The issue of locating production sites in the settlements of Tirlyan and Beloretsk is under consideration. Forest roads are being built in the Beloretsk district, and the procurement of equipment has started.

Project name: Establishment of the production of laminated chipboard

Location: city of Yanaul.

Initiator (contractor, participants): 000 Agidel M, (Republic of Bashkortostan), Leasing M leasing company (city of Magnitogorsk), STARLINQ HOMES Ins. (Canada).

Project description and aim, committed capacity: Construction of a start-up laminated chipboard facility (100,000 m³ per year); creation of an OSB plant (240,000 m³ per year); manufacture of glued timber: furniture panels and glulam (50,000 m³ per year), development of logging department.

Market: Regional, RF.

Total investment (project investment value): 3.3 billion rubles.

Project duration: 2010-2012.

Payback period: 5 years.

Raw materials: N/A

Equipment, infrastructure: N/A

Project name: Extension of cabinet furniture production

Initiator (contractor, participants): 000 Agidel M,

Project description and aim, committed capacity: establishment of laminated chipboard production (90,000 m³ per year).

Market: Regional.

Total investment (project investment value): 415 million rubles.

Project duration: 2010-2012.

Payback period: 3 years.

Raw materials: N/A

Equipment, infrastructure: N/A

Project name: several projects

Burzyansky and Krasnokamsky districts Initiator (contractor, participants): 000 Bashkir Timber Industry Company

district);

OSB plant with an annual capacity of 40,000 m³ (city of Ufa);

Ufa):

advanced processing shops: sawing, packaging production, briguetting, lamination, painting (Beloretsk, Karaidel, Krasnokamsky districts);

waste wood-charring plants with an annual capacity of 80,000-90,000 m³ to be located at logging and sawing sites (Beloretsk, Burzyansky, Karaidel, Krasnokamsky districts).

Market: N/A

Total investment (project investment value): 6.03 billion rubles

Raw materials: N/A

Equipment, infrastructure: N/A

Project name: Establishment of large-format plywood production

Location: Ufa

Initiator (contractor, participants): 000 Ufa Plywood Factory

Project description and aim, committed capacity: creation of a large-format plywood plant, committed capacity – 100,000 m³ per year.

Market: N/A

Total investment (project investment value): 2.1 billion rubles



Location: city of Ufa, Beloretsk, Karaidel,

Project description and aim, committed capacity:

 advanced timber-processing plant with an annual capacity of 70,000 m³ (Beloretsk district);

third charcoal converter with an annual capacity of 6,500 tons (Krasnokamsky

- large-format plywood plant with an annual capacity of 90,000 m³ (city of Ufa);

integrated house-building plant (IHBP) with an annual capacity of 50,000 m³ (Beloretsk district);

power stations at plywood plants (city of

Project duration: end of 2016

Payback period: N/A

OAO BELSKY DEREVO-OBRABATYVAYUSCHY KOMBINAT



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Bryansk Region

Kaluga Region

Kostroma Region

Moscow

Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



Project duration: 2010-2011 Payback period: 5 years

ADMINISTRATION

Raw materials: N/A

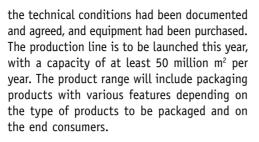
Equipment, infrastructure: investments - 972 million rubles

Project name: Development of the industrial production of corrugated cardboard packaging

Location: Blagoveschensk district

Initiator (contractor, participants): 000 Perekriostok commercial production company

Project description and aim, committed capacity: By the end of 2009, 326.5 million rubles had been spent, a manufacturing workshop and administrative and living quarters had been built,



Market: N/A

Total investment (project investment value): 360 million rubles.

Project duration: 2008-2010

Payback period: -

Raw materials: N/A

Equipment, infrastructure: purchased



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Ufa Forestry Technological College

450005, Ufa, Ul. Mingazheva, 126, Tel.: +7 (347) 228-80-30, 228-80-34,

000 YUZHNY URAL





CENTRAL FEDERAL DISTRICT		NTERPRISES UBLIC OF BASHI		
Bryansk	OF THE KEP	UDLIC OF DASHI	NUKTUSTAN	
Region	Name	Activity	Address	Contacts
Kaluga	Avziansky Logging-Lumbering Enterprise, 000	Harvesting, saw timber production	453524, Beloretsky Rayon, Poselok Verkhny Avzian, Ul. Lenina, 1	Tel.: +7 (347) 927-72-36
Region	Agidel M, 000	Production of furniture	452941, Krasnokamsky Rayon, Derevnya Novokabanovo, Ul. Nurtdinova, 100	Tel.: +7 (347) 312–88–28, 312–81-25, agidelmpro@mail.ru, www.agidel-m.ru
Kostroma Region	Amzinsky Woodworking Factory, OAO*	Production of saw timber	452695, Nevtekamsk, Poselok Amzia, Ul. Sverdlova, 12	Tel.: +7 (348) 32-43-98, 32-45-40
Moscow Region	Antares, 000	Production of furniture	453101, Svertlitamak, Ul. Gogolya, 2	Tel.: +7 (347) 326–89–91, 326–85-65, antaressb@mail.ru, www.antaresmebel.ru
Vladimir	Bashkir Timber Industry Company, Holding	Harvesting; production of saw timber, fiberboard, particle board, coal and dendrochemistry products	450019, Ufa, Ul. Rizhskaya, 5	Tel./fax: +7 (347) 291-72-61, 291-72-71, export@bashles.ru, www.bashles.ru
Region	Bashkir Wooden House Plant	Wooden house construction	452171, Tchimshinsky Rayon, Derevnya Bogolyubovka, Ul. Gorodskaya, 4	Tel. +7 (917) 485–56–11, sk102@bk.ru
Yaroslavl	Bashkirsky Les, 000	Harvesting	450106, Ufa, Duvansky Bulvar, 23	Tel. +7 (347) 256–96–13, bashkirskiyles@mail.ru
Region	Bashlesprom Harvesting Company	Harvesting	453500, Beloretsk, Ul. Krupskoi, 10	Tel. +7 (347) 925–12–49
VOLGA	Bashlesexport, 000*	Production of saw timber. Export of timber	450019, Ufa, Ul. Rizhskaya, 5	Tel.: (347) 291–72–88, 291–72–61, export@bashles.ru, www.bashles.ru
FEDERAL DISTRICT	Bashmebelplus, 000	Production of furniture	450026, Ufa, Ul. Tramvainaya, 2	Tel.: +7 (347) 284–27–44, 284–28-45, bmplus7@rambler.ru, www.bashmebel.ru
Region	Beloretsky Logging-Lumbering Enterprise 000 *	Harvesting	453500, Beloretsk, Ul. Krupskoi, 10	Tel.: +7 (347) 922–24–75, 924–26–03
Nizhny Novgorod Region	Belsky DOK, OS	Timber processing	450112, Ufa, Ul. Voikova, 1	Tel.: +7 (347) 242–52–17, 242–32-15, beldok@mail.ru
Perm	Burzyansky Logging-Lumbering Enterprise, 000 *	Harvesting	453580, Selo Starosubkhangulovo, Ul. Nagornaya, 5	Tel. +7 (347) 553–58–55
Krai 🐁	Veles, 000	Production of furniture	452750, Tuimazy, Ul. Zavodskaya, 2	Tel.: +7 (347) 125–16–90, 127–79-87, 125–12–58
Republic of	Zvezda, 000	Production of saw timber	452695, Nevtekamsk, Poselok Amzia, Ul. Azina, 1a	Tel. +7 (906) 104–00–85, fax +7 (347) 832–46–92, zvezda130292@mail.ru
Bashkortostan	Zigazinsky Logging-Lumbering Enterprise, 000 *	Harvesting	453552, Belorezky Rayon, Selo Zagzaga, Ul. Sovetskaya, 5	Tel. +7 (347) 927–96–07
Republic	InzerLes, 000*	Harvesting	453560, Poselok Inzer, Ul. Obornaya, 10	Tel. +7 (347) 927–24–51
of Tatarstan	KamaTekhKomplect, 000	Timber processing	450104, Ufa, Ufimskoe Shosse, 23/1	Tel. +7 (347) 235–05–52, (917) 342–36–63, pl–panel@rambler.ru, www.po-ktk.ru
Ulyanovsk Region	Kananikolsky Logging-Lumber Enterprise, 000	Harvesting, production of saw timber	453683, Zelairsky Rayon, Poselok Kananikolsky, Ul. Lenina	Tel. +7 (347) 522–85–99

Name	Activity	Address	Contacts
Karaidelsky Union of Lumbermen, 000	Production of saw timber, wood charcoal and woodwork	452374, Karaidelsky Rayon, Selo Karayar, Ul. Naberezhnaya, 19r	Tel. +7 (347) 442–66–10
Cardboard and Packaging, 000	Production of paper and cardboard	453700, Uchali, Ul. Krovelnaya, 1	Tel. +7 (347) 914–13–76, fax +7 (347) 914–13–60, karton@uch.tn.ru
Cardboard-Paper Mill, 000	Pulp-and-paper production	452754, Tuimazy, Ul. Fabrichnaya, 1	Tel.: +7 (347) 827–81–00, 827–04-22, kbk@tkbk.ru
KleiBrus, 000	Production of profiled glued timber; wooden house construction	450000, Ufa, Ul. Parkhomenko, 156/1	Tel. +7 (347) 295–93–49
LesOptTorg, 000	Production of saw timber, chipboard, fiberboard and plywood	450017, Ufa, Ul. Akhmetova, 326/1	Tel.: +7 (347) 275–19–41, +7 (917) 577–76–40
LesStroiService, 000	Production of saw timber	450006, Ufa, Safronovsky Prospekt, 1	Tel.: (347) 174-64-64, 193-43-
Luch, 000	Harvesting	452394, Karaidelsky Rayon, Derevnya Novy Berdiash	Tel. +7 (347) 442-76-10
Maginskles, 000	Harvesting	452373, Karaidelsky Rayon, Poselok Maginsk	Tel. +7 (347) 442-32-34
Furniture Fabric, 000	Production of furniture	453101, Sterlitamak, Orenburgsky Trakt, 25	Tel. +7 (347) 325–18–80, fax +7 (347) 325–13–71
Meleuzovsky DOK, 000	Timber processing, production of furniture	453851, Meleuz, Ul. Dokovskaya, 24	Tel.: +7 (347) 644–26–17, 644–02-10, fax: +7 (347) 644–24–22, 644–40–89, 644–16–94, meldok@mail.ru, www.meldok.narod.ru
Mokhit, 000	Harvesting	453124, Sterlitamak, Ul. Khudaberbina, 46	Tel.: +7 (347) 325–02–61, 325–64-93, +7 (917) 440–00–94
Nadezhda, 000	Harvesting	452377, Karaidelsky Rayon, Selo Kirzia	Tel. +7 (347) 442-71-41
0zerles, 000	Harvesting	452371, Karaidelsky Rayon, Derevnya Ozerki	Tel. +7 (347) 442-41-49
Perekriostok, PKF	Production of packaging	450112, Ufa, Ul. Fyodorovskaya, 9	Tel./fax: +7 (347) 293-40-05, 264-69-75, pekart@ufacom.ru
Selena Logging- Lumbering Enterprise, 000	Harvesting, production of saw timber	450077, Ufa, Ul. Tzuryupi, 77	Tel.: +7 (347) 276-15-00, 925-19-00 morozow_312007@mail.ru
Sibailesprom, OAO	Harvesting	453833, Sibai, P.O. Box 11	Tel. +7 (347) 752–07–45, fax +7 (347) 752–07–40, sibayles@rambler.ru
Tyrliansky Logging- Lumbering Enterprise, 000*	Harvesting	453530, Poselok Tirlyan, Ul. Sovetskaya, 271	Tel. +7 (347) 927–61–32
Ufalesprom, 000	Production of saw timber	452382, Karaidelsky Rayon, Selo Baikibashevo, Ul. Mira, 24	Tel. +7 (347) 443-11-38
Ufamebel, 000	Production of furniture	450511, Ufimsky Rayon, Poselok Mikhailovka, Ul. Pobedy, 16/1	Tel.: +7 (347) 270–22–03, 270–22-04, ufamebel–pr@list.ru, www.ufamebel.ru
Ufa Plywood Factory, 000*	Timber processing	450026, Ufa, Ufimskoe Shosse, 4	295–91-81, u147@yandex.ru, www.bashles.ru
Yuzhny Ural, 000	Production of corrugated board and packaging	453130, Sterlitamak, Ul. Gogolya, 122	Tel.: +7 (347) 323-02-43, 323-02-40, mail@gofroural.ru, www.gofraural.ru
Yuryuzanles, 000	Harvesting	352374, Karaidelsky Rayon, Selo Karaiar	Tel. +7 (347) 442–66–10

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OOO BASHMEBELPLUS





Bryansk Region

The Republic of Tatarstan enjoys abundant natural resources, and has powerful industry and high intellectual potential.

REPUBLIC OF TATARSTAN

Kaluga Region

Kostroma Region

BILINGUAL REPUBLIC

Tatarstan is located on the East European Plain at

the confluence of the Volga and Kama, the largest

rivers in Europe. Due to its fortuitous location

and rich resources, the republic is among the most

economically developed regions of the country.

The Republic of Tatarstan is part of the

Volga federal district and borders with the

Chuvash Republic in the west, the Republic of

Bashkortostan in the east, the Republic of Mari El

its territory runs 290 km from north to south

and 460 km from east to West to Eastwest. The

rRepublic's capital and its largest city is Kazan

(located 797 km from Moscow). The republic

consists of 43 municipal districts and two city

The Republic of Tatarstan celebrated 90 years

as a federal unit this year: it was established

on May 27, 1920. Since 1991, its president has

In 2009, the population of Tatarstan numbered

3,768,600 people, of whom 2,823,900 people

lived in urban areas, and 944,700 in rural areas.

Representatives of 107 nationalities live here,

the most numerous of whom — 52.9% — are

Tatars. For this reason, the Tatar language is an

districts (Kazan and Naberezhnye Chelny).

been Mintimer Shaimiev.

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai



Republic of Tatarstan

Ulyanovsk Region



in the northwest, the Republic of Udmurtia and Kirov Region in the north, and with the Orenburg, Samara and Ulvanovsk regions in the south. The total area of Tatarstan is 67,836 km², and

7



official state language, together with Russian. The national flag of the Republic of Tatarstan is a rectangular panel with green, white and

red horizontal stripes, which represent rebirth, purity and strength. Tatarstan's coat of arms depicts a winged white panther — the patron of the republic. The image of this noble animal

symbolizes fertility, progression, friendliness and readiness to defend one's interests. AT THE CONFLUENCE OF MAJOR RIVERS



Most of Tatarstan's territory is located at a height of no more than 200 meters above sea level. The land is very diverse and fertile: a third of it is made up of various kinds of black earth, which is mainly concentrated in the south of the republic.

The climate is temperate continental, and varies little throughout the entire region. Tartarstan generally has moderately cold winters and hot summers, with occasional droughts.

The main rivers are the Volga, which runs for 177 km through the Republic of Tatarstan, and the Kama (380 km). Other major rivers which run through the republic's territory include tributaries of the Kama, the Vyatka and Belaya. The total runoff of these four rivers amounts to 234 billion cubic meters per year (97.5% of the runoff of all rivers in the republic). Overall, the region encompasses over 500 rivers of more than 10 km in length, and over 8,000 lakes and ponds.

Four large reservoirs were created here for different purposes: Kuibyshevskoe (the largest in Europe), Nizhnekamskoe, Zainskoe and Karabashskoe.

The ecological situation in Tatarstan is generally considered to be satisfactory, but in the cities of Kazan, Nizhnekamsk and Naberezhnye Chelny there is a high level of air pollution. Among the largest sources of pollutant emissions, ecologists name OAO Tatneft, OAO Nizhnekamskneftekhim and OAO Tatenergo.

TRANSPORT

Tatarstan is very favorably located in terms of transport. The shortest transcontinental railway road runs through the republic from west to east, along with a railway line running from northwest to south which connects the major industrial cities of the Volga region. During the navigation season, river transport serves 17 coastal districts of the republic.

Large industrial cities such as Kazan, Naberezhnye Chelny, Nizhnekamsk, Chistopol, Zelenodolsk and Yelabuga are situated on the banks of rivers.

The merging of the waterways of the Volga and Kama rivers provides water transport connections

Large-scale enterprises of Republic of Tatarstan

Povolzhsky Veneer and Furniture Factory, ZAOR Quinta Holding Vasilyevsky Construction Materials Timber Mill 7AO Zelenodolsky Plywood Plant, OAO

Agrotekhmashstroiservice, ZAO

Glued Modular Constructions House-Building Factory, ZAO

Tatlesstroy, OOO

Dekon, Plant of Woodworks of Chistopol, 000

Naberezhnye Chelny Cardboard and Paper Mill, NP, ZAOR

with the northwestern, southern, northeastern and Urals industrial regions.

Automobile roads run in three directions through the territory of Tatarstan: west to east, west to southeast and northwest to south, including the M-7 "Volga" highway, which is part of the west to east International Transport Corridor.

There are three functioning airports in the republic: Kazan, Begishevo and Bugulma. The first two are international.

According to Tatarstan's Ministry of Transport and Roads, the republic's transport routes comprise 21,000 km of public roads, 843 km of serviced inland waterways, 848 km of railway roads and 232 km of industrial railway roads. Flights are operated by 58 airlines.

OIL, COAL, WATER

Tatarstan's main natural asset is oil. Along with oil, associated gas is produced: about 40 m³ for every ton of oil. The volume of extractable oil is currently estimated at 800 million tons. Estimated reserves are about 1 billion tons. Overall there are 127 oil fields in

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Tatarstan. The largest of them, Romashkinskoe (Leninogorsky region), has been being drilled for over 60 years and produces 15 million tons of oil annually. Overall, the republic produces about 32 million tons of oil per year. Other large oil fields include Novoelhovskoe, Bavlinskoe, Pervomayskoe, Bondyuzhskoe, Elabuzhskoe and Sobachinskoe. Experts estimate oil reserves will last for another 30 to 40 years.

The territory of Tatarstan contains 108 coal deposits. However, not all of them can be mined on an industrial scale. The most promising are those related to the south-Tatar, Melekessk and north-Tatar regions of the Kama coalfield. In addition, the region has commercial reserves of dolomite, limestone, shale, building sand and stone, clay, gypsum and peat. There are also promising stocks of petroleum bitumen, lignite and coal, oil shale, zeolite, copper and bauxite.

Considerable reserves of underground water have been discovered, ranging from highly mineralized to salt and fresh water.

The Hydro Power Plant which is built on Kama produces about 1.8 billion kWh per year. Its design capacity is 2.7 billion kWh per year.



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



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Kirov Region

Nizhny Novgorod Region



Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region



Tatarstan is one of the most economically developed regions of Russia, largely thanks to its oil reserves, as well as to its location at the crossroads of major highways. As noted by the department of external relations of the President of the Republic of Tatarstan, the region ranks among the top six in the country for socio-economic indicators, along with the cities of Moscow and St. Petersburg, the Leningrad Region, Sverdlovsk Region and Yaroslavl Region. The economy is based on industry and agriculture.

In addition to fuel and petrochemical industries (oil extraction, production of synthetic rubber, tires, polyethylene, etc.), the industrial profile of the region is determined by mechanical engineering. Heavy trucks, helicopters, aircraft and aircraft engines, automobiles, compressors and oil-and gas-pumping equipment, boats and ships are produced here. The fact that every second truck produced in Russia is a KamAZ is evidence of Tatarstan's leadership in engineering. Furthermore, a quarter of all tractors produced in Russia are produced in Tatarstan.

The republic's excellent loam has facilitated the development of agriculture in Tatarstan. Agricultural land occupies 61% of all of the republic's territory. The region specializes in cultivating cereals, sugar beet and potatoes as well as meat and dairy farming, aviculture, horse breeding and beekeeping.

Despite the fact that Tatarstan has no state borders, the republic is actively developing economic relations with other countries. Trade ties with the region are supported by more than a hundred countries. According to the Expert rating agency, the investment rating of Tatarstan is 2B (moderate risk). Among the Russian regions, the republic holds fourth place on investment risk and eighth place on investment potential. The lowest investment risk is financial, the highest is criminal.

Among the economic disadvantages of Tatarstan, specialists from the Expert rating agency cite the absence of the production of metals, of technical equipment for oil extraction, and of many consumer goods.

ALABUGA SPECIAL ECONOMIC ZONE

On December 21, 2005 a special economic zone (SEZ) of the Alabuga industrial-production type was established in the Yelabuga District of Tatarstan by Resolution № 784 of the Government of the Russian Federation. Its purpose is to promote the development of the economy of Tatarstan and Russia as a whole by creating more favorable conditions for the realization of investment projects in industrial production by Russian and international companies.

The industrial-production focus of the SEZ includes the production of automotive components, full-cycle automobile production, chemical and petrochemical industries, manufacturing, pharmaceutical production, aircraft manufacturing, furniture and much more. The use of imported raw materials in these sectors is not an option — the practical goal of the Alabuga SEZ is to organize import-substituting production using Russian raw materials.

The total area of the SEZ is 20 km²; it is divided into sections of 5, 10 and 20 ha. Each section is supplied with all the necessary utilities roads, electricity, heating, gas, water, high-speed communication lines, etc. A railway line passing through the SEZ will serve large land plots with branches leading directly to future production sites. At the moment, about 30 km of communication lines, 3 km of railways and 7 km of fencing have been built on the territory of the Alabuqa SEZ. The local population is nearly one million people.

Residents of the Alabuga SEZ are provided with solid tax incentives, including full exemption from property tax, as well as from payment of land and vehicle taxes for ten years.



WOODS OF TATARSTAN: ASPEN, LINDEN AND BIRCH

TATARSTAN IS AMONG THE SPARSELY WOODED REGIONS OF RUSSIA

Over the next ten years, 11 billion rubles will be invested in the development of forestry in the republic.

Forest coverage in the region is 17.4%; the coverage is extremely uneven across the region and varies from 2.8% to 41.1%. From the late 18th to early 19th century, however, the picture was different: according to a general survey held in Kazan province from 1793 to 1803, 3,265,100 hectares were registered, which accounted for 51.2% of the territory.

FOREST CHARACTERISTICS

The forests of Tatarstan do not compare very favorably to the forests of other, greener regions of Russia. The species are mainly deciduous. There is very little timber, and as a rule it is processed by small enterprises.

At the same time, the forestry complex, which includes forestry along with logging and woodprocessing industries, plays an important role in Tatarstan's economy.

The forests of the Republic of Tatarstan are located in two forest vegetation zones: mixed forests and forest-steppe. Consequently, taiga and steppe animal and plant species are typical of the region. A southern boundary of natural spruce and fir, northern boundary of oak and northeastern boundary of ash pass through the republic's territory.

The total area of the republic's Forest Fund plus forests not included in the Forest Fund stands at 1,271,100 hectares. Coniferous forests occupy 24.6% of forest area, hardwood – 16.4% (of which 8.8% is tall oak), softwood and bushes - 59%.

Forest species of Tatarstan include aspen, smallleaf linden, birch, pine, oak (tall and stemmed), and spruce. The average age of the trees is 46. The share of young forest is 25.7% of forestcovered area, while 35.5% is made up of middle-

The total annual volume of logging of all types is 2,352,000 m³, including the felling of mature and over-mature forest stands (allowable cut) of 1,455,900 m³. On average, 0.76 m³ of liquid timber is harvested per hectare of forest-covered land in the republic, and by 2018 the cut will amount to 0.91 m³.

The Forest Fund of the republic is represented by two categories of forests: protective forest (48% of the total forest area) and operational forest (52%).

Forest roads are necessary for the successful functioning of forestry and development

Oak 14.7%

Pine 16.3%

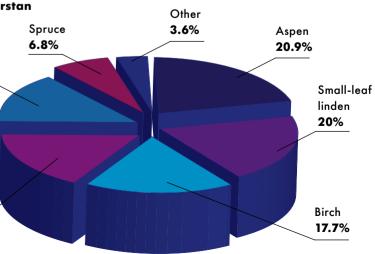
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aged trees, 15.5% by ripening trees, and 23.3% by ripe and overripe forest.

The forest stock calculated during the creation of forest regulations is estimated at 189,800,000 m³.

FOREST ROADS





Species composition of forest stands of the Republic of Tatarstan

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Bryansk Region

Kaluga Region



Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstar

Ulyanovsk Region

of the timber industry. Last fall, two yearround forest roads were commissioned in the republic: 6.6 km in the Sabinskoe Forestry public basin management (PBM), and 14.6 km in the Nurlatskoe Forestry PBM.

The total length of roads passing through the forest lands of the republic is 8,431 km, of which 414 km is paved and 8,008 km is dirt road, including 2,478 km that can be used all year round. The average length of all types of roads per 1,000 hectares of forest fund is 6.9 km.

All forestries have passing glades of 6 to 20 m width, which serve as fire breaks and are used for hauling timber from thinning and planting material haulage in reforestation activities. To ensure timely and quality forestry operations and the removal of harvested wood, it is necessary to build additional dirt roads.

The construction of 167.9 km of year-round forest roads is envisaged, as well as the construction of 145 km of forest roads and roads for the purpose of fire-fighting; the average length of all roads per 1,000 hectares of forest fund will be 7 km.

Planned funding for the construction of forest roads is 468.1 million rubles, with 60% of funding coming from the federal budget, and 40% from the republic.

The construction of roads in the Sabynsky, Buinsky, Elabuzhsky and Nurlatsky districts of the republic is of particularly high importance today.

PROBLEMS AND THEIR CAUSES

Systemic problems in the development of the forestry complex of Tatarstan which hinder economic growth of forestry and timber production and efficient use of forests are as follows:

- Lack of precision in assessing the forest resource potential;
- Low technical level of forestry production;
- Shortage of staff;
- Lack of development of facilities for the mechanical, chemical and processing for use in bioenergy of raw timber and, as a result, the insufficient exploitation of the annual allowable cut.

The main factors behind the emergence of systemic problems in the development of the forest industry are:

- 1) Frequency in usable timber stocks of softwood timber and low marketable stands:
- 2) Low accuracy of forest resource records;
- 3) Low effectiveness of forest management and state forest control systems;
- 4) Negative impact on the forest fund caused by petrochemical and industrial production as well as anthropogenic factors (high recreational load, wildfires, pockets of vermin and diseases);
- 5) Low level of the technical equipment of forestry enterprises:
- 6) Poor development of the forest roads network:
- 7) Destruction of the biological diversity of forests (as a result of the intensive development of forests, their resource and environmental potential changes, along with their species diversity);
- 8) Lack of facilities for comprehensive timberprocessing that are capable of processing low-quality, deciduous, small-diameter timber, or waste from timber processing and forestry into competitive products;
- 9) Lack of innovation activity and investment attractiveness of the forestry sector;
- 10) Reduction of the prestige of occupations in the forestry sector due to low wages and low levels of social guarantees; the average age of professionals working in the industry is 47.2 years old;
- 11) Weak educational base for senior management preparation;
- 12) Inadequate research support for the forestry industry.

FORESTRY DEVELOPMENT **STRATEGY THROUGH 2018**

In order to address all the issues of the forest industry, a long-term Development Strategy of Forestry of the Republic of Tatarstan through 2018 has been developed, with allocated funding of more than 11 billion rubles.

The aims and objectives of the program include maintaining and increasing the environmental and resource potential of forests, improving the condition of the forests, their protective and recreational functions, ensuring comprehensive use of forest resources and comprehensive processing of the timber biomass, as well as meeting the forest resource needs of the republic's population.

- To achieve these goals the following is necessary:
- 1) The forestry legislation of the Republic of Tatarstan must be improved;
- 2) Forestry management must meet current environmental and socio-economic requirements of protection, forest protection and forest reproduction;
- 3) The organizational and functional structure of the body which implements state forest management must be improved;
- 4) The forest planning system must be improved;

FROM PLYWOOD TO NAPKINS

THE RAW MATERIAL BASE OF TATARSTAN'S TIMBER-PROCESSING ENTERPRISES IS LOCATED OUTSIDE THE REPUBLIC

Timber processing in the republic comprises two types of economic activity: timber processing and pulp-and-paper production. Despite the fact that there is little industrial demand for local forests, some of Tatarstan's forestry enterprises are known throughout the country.

There is one problem, however: they often have to use export timber for production. On the upside, Tatarstan's timber-processing enterprises see demand from abroad. Among the most active exporters in the field of forestry are ZAO Quinta Holding Vasilyevsky Construction Materials Timber Mill, ZAO Povolzhsky Plywood and Furniture Plant National Company and ZAO Zelenodolsky Plywood Plant. They send abroad up to 90% of the total volume of their production.

OAO ZELENODOLSKY PLYWOOD PLANT

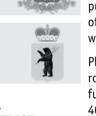
Zelenodolsky Plywood Plant (ZPP) is the oldest forestry enterprise in the republic. It was founded in 1898 and currently employs about 1,000 people. Using a standard set of equipment, ZPP specialists have developed the production

Chuvashia.

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5) The information management of forest planning and management, forest inventory and monitoring methods must be improved;

6) The intensification and effective use of forests must be ensured via innovation:

7) The material-technical foundation of forestry must be improved;

8) Research and innovative development and staffing of the forestry industry must be organized;

9) The efficiency of state forest control and supervision units must be improved:

10) Market economy mechanisms for the utilization, protection and reproduction of forests must be developed.

of birch plywood of various types and formats. In addition, the plant produces birch veneer, pulp chips, lumber, fencing and much more. The company's products and its quality management system is certified according to Russian and international standards.

The traditional markets supplying raw materials for plywood to OAO ZPP are forestry and enterprises of the Republic of Tatarstan, Mari El Republic, Kirov region and the Republic of

From 70 to 80% of ZPP's products are exported abroad: to the U.S. and Canada, European and CIS countries, Turkey, China and Egypt. The geographical range of deliveries within Russia is also broad — from Moscow to the Far East - but most plywood deliveries are made within the Republic of Tatarstan.



Bryansk Region

Kaluga Region

Kostroma Region

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Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA FEDERAL DISTRICT

Kirov Region

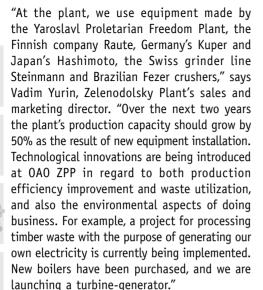
Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan

Ulyanovsk Region

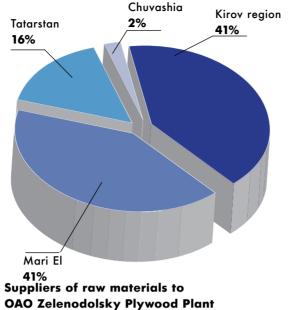


ZAO AGROTECHMASHSTROISERVIS

There are a number of prominent companies involved in the production of paper products in Tatarstan, but only ZAO Agrotechmashstroiservis specializes in the production of high quality hygiene products made from cellulose. The company's products include toilet paper, napkins, paper towels and tissues sold under the Nega brand name. ZAO ATMSS is a young company which was founded in 2006 in the town of Zalesnoe in Kazan's Kirov district.

For the production of base paper, only primary raw materials are used: bleached softwood pulp, a hardwood mixture from Arkhangelsk Pulp-and-Paper Plant, and bleached hardwood mixture pulp from Kotlas Pulp-and-Paper Plant. Timber from Tatarstan forestry enterprises is not used since its quality is unsatisfactory.

ZAO ATMSS Plant has base paper production facilities and a base paper-processing (converting) shop. The equipment of the paper-producing shop includes a papermaking machine, grinding equipment (mills), cleaning equipment (high concentration cleaner, pressure screen, rotary screen), a dissolution node (hydrobeater), and pumping facilities purchased in South Korea. The processing and packaging machinery of the converting shop were purchased in Turkey, Serbia and England. Today ZAO ATMSS is a successful, stable, growing company with a sales structure branched via large retail chains. The company's products are purchased by large wholesale companies in different cities of Russia, including Moscow, St. Petersburg, Kazan, Nizhny Novgorod, Samara,



Ufa, Izhevsk, Yoshkar-Ola, Perm, Ulyanovsk, Novosibirsk, Yekaterinburg.

The company attributes its financial success to its geographical location, the support of local government and established external relations.

Diagram. Dynamics of the development of ZAO Agrotechmashstroiservis since its foundation

VASILYEVSKY TIMBER MILL

ZAO Quinta Holding Vasilyevsky Construction Materials Timber Mill is one of the oldest timber-processing enterprises in the Republic of Tatarstan, and has 80 years of experience on the market. The company specializes in the production of lumber, millwork and laminated board houses – mostly made from Siberian larch.

The mill has a parquet production workshop with a capacity of 120,000 m^2 per year. The main production facilities are automated. Equipment made by leading firms such as Friulmac, Weinig, Libra and Nortec is used. Only valuable species – oak, beech, ash and Siberian larch – are used for parquet production. About 90% of the mill's total output is exported. Major customers include companies from the U.S., Australia, Germany, the Netherlands and other countries.

POVOLZHSKY PLYWOOD AND FURNITURE PLANT

ZAO Povolzhsky Plywood and Furniture Plant National Company is one of the leading

companies in the region for the production of furniture, plywood, synthetic resins, sliced and peeled veneer, sawn timber and products made from waste products.

The plant's management makes extensive use of new economic opportunities. ZAO Interles and ZAO PFMK were launched on the plant's territory using foreign capital. During the past three years, over 15 million Euros has been invested to modernize production. The supply of raw materials to the mill was successfully ensured by the establishment of three logging bases in the Kirov region. The plant's team strives to produce competitive products that meet the requirements of international standards. This goal is achieved through the introduction of advanced technologies, a guality management system, and by creating conditions that influence the prices of materials and raw materials. In 2003, AOP (NP) PFMK's quality system was certified by the BVQI (Bureau Veritas Quality International) for compliance to ISO 9002.

Thanks to active efforts to improve product quality, the plant's products are in demand on the European market. Today PFMK has geographically diverse sales: Netherlands, the U.S., Egypt, Italy, Slovenia, Spain, Germany and the U.K. buy plywood, while furniture parts are supplied to Germany and furniture to Sweden, Denmark, France, Germany, Austria, Netherlands, the U.S., Canada and Poland.

PFMK is an equal partner of the major foreign furniture company IKEA (Sweden). Recognition of the plant abroad is recognition of the high professionalism of its staff, the opportunities offered by modern Russia and a bright example of Tatarstan's entrance onto the world manufacturing arena.

GLUED MODULAR CONSTRUCTIONS HOUSE-BUILDING FACTORY

ZAO Glued Modular Constructions House-Building Factory is located in the Elabuga region and



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specializes in the modern industrial production of prefabricated houses. The company produces houses using three house-building technologies: framed wall panels, laminated wall board and corrugated board scantlings.

The basis of production is a fully-comprehensive timber-processing complex housed in a building of 10,000 m² and consisting of five departments: sawmilling, manufacturing of parts for log house construction, assembly of frame and wall panels, parts processing and sidetracking, timber processing and gluing. In addition, the plant has a drying complex that dries 2,000 m³ of timber per month. Technologies and equipment made by leading Western companies are used in production, along with environmentally safe certified materials.

DEKON CHISTOPOLSKY WOODEN STRUCTURES PLANT

The specialization of Dekon Chistopolsky Wooden Structures Plant is comprehensive timber processing: from harvesting timber to manufacturing glued wooden products (glued laminated timber for house-building, windows, wooden Euro-windows, wooden residential log houses and laminated beams). Dekon Wooden Structures Plant is one of few companies to have its own raw material base in Tatarstan. However, this does not prevent the company from working closely with other producers of sawn timber.

The company has been actively developing wooden house-building since 2006. The main materials used are round timber (180 to 240 mm in diameter) and glued profiled housebuilding beams.

Building on the Dekon Plant facilities, pilot facilities for the production of Euro-windows were created in 2007 with a production capacity of 1,000 m² of wooden Euro-windows per month. An important factor ensuring the competitiveness of the products is the fact that raw materials made at the plant itself are used in production, which does not depend on outside producers of laminated window board.

GLUED MODULAR CONSTRUCTIONS HOUSE-BUILDING FACTORY



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



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Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan



Ulyanovsk Region



The portion of the timber-processing industry in Tatarstan's industrial production is 1.4%. In the future this share could be increased to 3% on the condition of investment in comprehensive timber-processing and the pulp-and-paper industry. In the near future, the production of timber for MDF, particleboard and plywood production as well as for the pulp-andpaper industry will be the most competitive areas.

The republic is among Russia's sparsely wooded in the Alabuga special economic zone is currently regions, with no significant source of raw being reviewed.

> An investment project on the Integrated Use of Low-Marketable Timber of Regions with Scarce Forest Resources is also under consideration.

> Due to the financial crisis, the rate of innovative activity in the timber industry decreased: in 2008-2009 innovation activities in forestry were undertaken by only three organizations, which spent a total of 24 million rubles. However, in 2007, eight organizations were engaged in innovative activities with total expenditures of over 117 million rubles.

> ZAOR NP Povolzhsky Veneer and Furniture Factory manufactured glue based on melamineformaldehyde resin. Tests showed that emissions of formaldehyde from plywood manufactured using glue based on melamine acid is 0.2 mg/ m^2 per hour, while the norm is 3.5 mg/m² per hour. Plywood manufactured at the factory is the most environmentally friendly product of its kind in Russia and Europe.

> Today, money is being invested in the modernization of industrial production facilities in large timberprocessing enterprises (OAO Zelenodolsky Plywood Plant, ZAOR NP Povolzhsky Veneer and Furniture Factory and ZAOR NP Naberezhnye Chelny Cardboard and Paper Mill). In 2009, investment in the modernization of production facilities of timber-processing enterprises amounted to more than 270 million rubles.

> At Sabinsky Research and Testing Forestry Management Enterprise, , the installation of a system for the thermal processing of wood biomass into liquid fuel is being tested; the system was developed by specialists at Kazan State Technological University and can be used in any conditions. Timber combustion in the

From the socio-economic development forecast of the Republic of Tatarstan for 2010-2012

Production (thousand tons)	2008 (reported)	2009 (estimate)	2010 (forecast)	2011 (forecast)	2012 (forecast)
Paper	53.7	57.3	57.4	57.4	57.4
Cardboard	161.1	148.6	149	149	149

system produces liquid fuel, gas and coal.

Negotiations are ongoing with a potential investor - the Turkish company Kastamonu Entegre – regarding the construction of a factory producing MDF and particleboard with a processing capacity of 450,000 m³ of timber for MDF and 460,000 m³ of timber for particleboard. The first stage of the project in the Republic of Tatarstan is estimated at \$100 million.

The Chinese company Weihua is working on the question of implementing an investment project on the territory of Tatarstan for the production of medium density fiberboard - MDF and particleboard.

INDUSTRY RESULTS OF THE **REPUBLIC OF TATARSTAN IN 2009**

Timber industry output amounted to 12.1 billion rubles, the industrial production index was 84%.

The production volume in timber-processing and

ADMINISTRATION OF THE REPUBLIC OF TATARSTAN

Presidential Administration of the Republic of Tatarstan

President Mintimer Sharipovich Shaimiev

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currently unable to compete in terms of price with the logging enterprises of the nearest republics and the Kirov region. For this reason, major producers such as OAO Zelenodolsky Plywood Plant, ZAOR NP Povolzhsky Veneer

and Furniture Factory and ZAO House-Building Factory of Glued Constructions (exporters which sell more than 80% of their products to European markets) buy raw materials mainly from the region's closest neighbors: the Kirov region, the Republic of Udmurtia and the Republic of Mari El.

materials. Tatarstan's logging enterprises are

The main problems faced by Tatarstan's forestry industry include the low technical level of forestry production, high depreciation of forestry production assets, and lack of development of facilities for comprehensive mechanical and chemical processing of timber raw materials, as well as for processing for use in bioenergy.

For this reason, the allowable cut is not fully exploited. The volume of the annual allowable cut which determines the amount of sciencebased logging has been set at 1.46 million m³ since 2009. In 2007, 21.3% of the allowable cut in the Republic of Tatarstan was cut down, and 44.4% in 2008. As of October 1, 2009, only 17% of the annual allowable cut had been utilized.

The development of the timber industry of the Republic of Tatarstan must be oriented towards the creation of new zones for the processing of existing timber and use of current industry potential so that the republic's own needs are met as far as possible and export to CIS countries and further afield is ensured. The possibility of building a plant for MDF, particleboard, and MDF-based parquet production

the production of timber products amounted to 3.7 billion rubles, the industrial production index was 57%. Output from the pulp-and-paper, publishing and printing industries totaled 8.4 billion rubles, and the industrial production index was 105%.

The export volume of timber and pulp-andpaper products in the first nine months of the vear totaled \$27 million — 5% lower than in 2008. Imports totaled \$8.9 million (60% of the corresponding period of the previous year).

The biggest factor in the reduction of the industrial production index in the timberprocessing industry was a decline in timberprocessing and the manufacture of timber products, excluding furniture.

The main reason for the reduction of production volumes was the freezing of construction projects in 2008-2009 in connection with the economic crisis, which affected demand for construction materials and other industry products.



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ZAOR NP NABEREZHNYE CHELNY **CARDBOARD** AND PAPER MILL







Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan



Ulyanovsk Region

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Sciences)

Kazan Chemical Research Institute (KazHimNII)

420029, Kazan, Sibirsky Trakt, 27

RESEARCH, PLANNING AND EDUCATIONAL TRADE ORGANIZATIONS OF THE REPUBLIC OF TATARSTAN

Name	Activity	Address	Contacts
Igrotekhmash- troiservice, ZAO ATMSS, ZAO)	Pulp-and-paper: tissue	420076, Kazan, Ul. Zalesnaya, 30, P.O. Box 1	Tel. +7 (843) 555-93-63, Fax. +7 (843) 555-96-65, info@nega-paper.com, www.nega-paper.com
irsen	Furniture production	420108, Kazan, Ul. Irek, 1, P.O. Box 59	Tel.: +7 (843) 278-30-54, 278-27-87, info@mebel-arsen.ru, www.mebel-arsen.ru
lohmans	Timber-processing: wood veneer and sawn materials (more than 80 kinds of wood)	420053, Kazan, Ul. Pervaya Volskaya, 32	Tel.: +7 (843) 230-07-18, 234-59-23, kazan@dlhgroup.ru, www.dlhgroup.ru
Bravocucine – Citchens of Sun	Furniture production: kitchens, wooden facades	420030, Kazan, Ul. Naberezhnaya, 1	Tel.: +7 (843) 512-90-20, Fax +7 (843) 512-90-21, kitkitchen@mail.ru, www.bravokuhni.ru
enturion	Wooden house construction: low-rise houses	420111, Kazan, Ul. Moskovskaya, 15, office 17	Tel.: +7 (843) 227-43-47, 227-43-48, centyriondom@rambler.ru, www.centyrion.ru
ekon, 000, Plant f Woodworks of histopol	Wooden house construction: items from glued beams, frame-panel houses	422981, Chistopol, Ul. Ovrazhnaya, 33A	Tel.: +7 (84342) 9-52-29, 4-83-45, 4-86-36, Dekon04@list.ru, decongroup.narod.ru
ekor, ZAO	Furniture industry	420036, Kazan, Ul. Tetsevskaya, 32/2	Tel. +7 (843) 510-51-90, 571-32-30, info@zaodekor.ru, www.zaodekor.ru
Priada, PKF	Woodworking industry	423800, Naberezhnye Chelny, Gruzovoi Rechnoi Port "KamAZ"	Tel.: +7 (8552) 51-58-04, 51-87-51, driada2004@rambler.ru www.driada.biz
ISK KMK, ZAO	Wooden house construction: beam houses	423600, Republic of Tatarstan, Yelabuzhsky Rayon, Promishlennaya Ploshchadka "Alabuga", Ul. 22/1	Tel.: +7 (85557) 5-18-04, 5-19-55 dskkmk@mail.ru, www.dskkmk.ru
aris, 000	Furniture industry, production of casegoods	422054, Kazan, Ul. Kulagina, 10	Tel.: +7 (843) 278-32-19, 278-32-19, Ffaris@mail.ru, www.faris-mebel.ru

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ZAO AGROTECHMASH-STROISERVIS





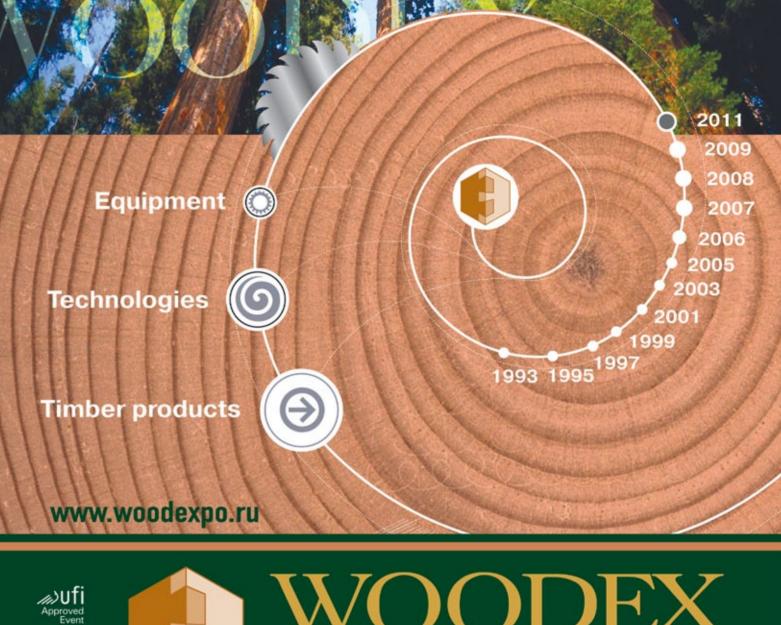
ZAOR NP POVOLZHSKY **VENEER AND** FURNITURE FACTORY





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CENTR	AL	Name	Activity	Address	Contacts
FEDERAL DIS		Flock, 000	Pulp-and-paper: production of technical paper	420036, Kazan, Ul. Dementieva, 2B	Tel.: +7 (843) 571-31-39, 571-33-05, flock@mi.ru
Bryansk Region		Forto	Furniture production	423824, Naberezhnye Chelny, Ul. Kul-Gali, 14	Tel.: +7 (8552) 58-11-07, 58-10-74, forto06@mail.ru, www.fortochelny.ru
Kaluga	State of	Icy	Furniture industry	420054, Kazan, Ul. Tekhnicheskaya, 10	Tel. +7 (843) 278-43-21, aicu@list.ru
Region		Igilik, 000	Woodworking industry, wooden house construction	423818, Naberezhnye Chelny, P.O. Box 38	Tel. +7 (8552) 77-91-95, Fax +7 (8552) 77-91-96
Kostroma Region		Karttrans, ZAO	Woodworking industry: joinery, wooden doors, frames for windows, solid wood furniture	420089, Kazan, Ul. Rodini, 7	Tel. +7 (843) 273-18-02, info@karttrans.com, www.karttrans.com
	and the second s	Klen, Furniture Plant	Furniture production	423812, Naberezhnye Chelny, Pr. Moskovsky, 91	Tel. +7 (8552) 58-14-56, klen_mebel@hodbox.ru
Moscow Region		Komplist, 000	Sale of materials for production of MDF frame facades	423826, Naberezhnye Chelny, Ul. Suumbike, 105-69	Tel.: +7 (8552) 38-33-24, 39-56-25
Vladimir Region		KPI UPP, 000	Pulp-and-paper: paper- stationary production, corrugated packaging featuring print, design and production of full-color packaging	420054, Kazan, Ul. Tekhnicheskaya, 1205	Tel. +7 (843) 278-42-68, Fax +7 (843) 278-46-40, fkpi2@mail.ru, www.fkpi-kzn.ru
Yaroslavl		Leisan, Furniture Plant	Furniture industry	423650, Mendeleevsk, Ul. Pionerskaya, 2A	Tel.: +7 (85-549) 21-222, office@mebel-optovik.ru, www.mebel-optovik.ru
Region	7	Lomzha	Furniture industry	420108, Kazan, Ul. Magistralnaya, 55	Tel.: +7 (843) 278-84-47, 278-84-27, 278-72-59
VOLGA FEDERAL DIS	-	Matiros	Furniture industry: interior, production of furniture	420006, Kazan, Ul. Avtoservisnaya, 29	Tel.: +7 (843) 260-92-54, 512-23-52, matiros@inbox.ru
Kirov	***	Megan, 000	Furniture production	422540, Zelenodolsk, Ul. Fabrichnaya, 1	Tel./Fax: +7 (84371) 45-960, 45-912, 45-909, 45-912
Region Nizhny		Naberezhnye Chelny Cardboard and Paper Mill, NP, ZAOR	Pulp-and-paper: paper, cardboard, tissue, corrugated cardboard and boxes	423803, Naberezhnye Chelny, P.O. Box 50, BSI	Tel.: +7 (8552) 79-19-93, 79-19-90, Fax +7 (8552) 77-82-37, nkbk@nkbk.ru nkbk.ru
Novgorod Region	J.S.	NTK-Technologiya	Woodworking industry: production of doors and windows	420127, Kazan, Ul. Dementieva, 2G	Tel.: +7 (843) 571-99-07, 571-99-48
_		Pioner, 000	Furniture industry, production of casegoods	420075, Kazan, Ul. Khalezova, 26	Tel.: +7 (843) 234-04-71, 230-36-42
Perm Krai		Povolzhsky Furniture Plant	Furniture industry, sale of furniture	420030, Kazan, Ul. Bishbalta, 8, office 209	Tel. +7 (843) 511-46-32, mf_p.manager@mail.ru
Depublic of		Povolzhsky Veneer and Furniture Factory, ZAOR	Furniture production	422520, Zelenodolsk, Ul. Privokzalnaya, 5	Tel. +7 (84-371) 5-75-85, Fax +7 (843-71) 5-71-99, vsereda@pfmk.ru
Republic of Bashkortost	tan 🔛	Riko, 000	Pulp-and-paper: cutting of paper and cardboard	420059, Kazan, Ul. Daurskaya, 12A	Tel. +7 (843) 277-80-89, akbit@mail.ru
Republic		Rosta Plus, 000	Woodworking industry, joinery workshop	420054, Kazan, Ul. Aktaiskaya, 21	Tel.: +7 (843) 278-57-85, 278-87-97, rostaplus@list.ru, www.rostaplus.ru
of Tatarstar		Vostok-Service, PKF, 000	Pulp-and-paper: production of technical paper	420033, Kazan, Ul. Kulakhmetova, 15A, office 7	Tel.: +7 (843) 542-47-88, 542-47-52, vservis@bancorp.ru, www.vostok-plus.ru
Ulyanovsk Region		Zelenodolsky Plywood Plant, OAO	Woodworking industry: plywood, stump veneer, lath-composite shields	422541, Zelenodolsk, Ul. Kooperativnaya, 1	Tel.: +7 (84371) 3-25-18, Fax: +7 (84371) 3-26-22, (927) 24-20-766, (905) 00-86-712, fanera@zfz.ru, www.zfz.ru



November 29 – December 2, 2011 Crocus Expo Exhibition Centre, Moscow, Russia

The 12th International specialized exhibition for timber products, machinery, equipment and materials for the timber, pulp-and-paper and woodworking industries



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The exhibition is endorsed by EUMABOIS, European Federation of Woodworking Machinery Manufacturers



the north.

CENTRAL FEDERAL DISTRICT

Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan



ULYANOVSK REGION

The Ulyanovsk region has a very good geographical position - as is the case with all the regions of the Volga district. Air, rail and automobile connections of national importance run through the region, and the Volga River provides a good water transport link.

.....



The Ulyanovsk region is part of the Volga Federal Ulvanovsk region into two parts: the hilly District and the Volga economic area. It borders Predvolzhe on the right bank (3/4 of the the Samara region in the east, the Saratov region territory) and the lowland plain Zavolzhie on in the south, the Penza region and Mordovia the left bank (1/4 of the territory). Relatively in the west, and Chuvashia and Tatarstan in large rivers in the region include the Volga's tributaries the Sura, Sviyaga and Big Cheremshan. They all belong to a closed basin of the Caspian The region is situated in the heart of the Middle Sea. Altogether, water covers 5.4% of the region's Volga region, and the length of the Volga River

> The Ulyanovsk region is dominated by gray forest soils (44.5%) and black soils (25.6%); particularly fertile black soil is located on the left bank.

> Just over a quarter of the region is covered with forests - mainly pine and pine-broadleaved. Meadow and feather-grass-festuca steppes occur in Zavolzhie, along with water-meadows and watershed marshes.

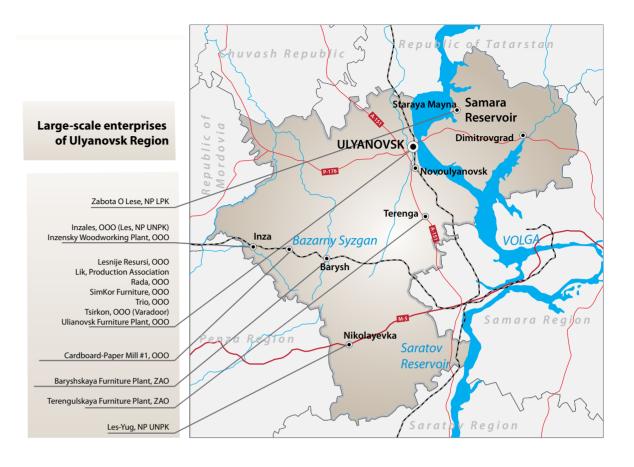
MINERALS

territory.

The geological composition of the Ulyanovsk region is similar to the rich Volga-Ural oilbearing area and is its continuation. Therefore, the main wealth of the region is oil, whose reserves amount to more than 42 million tons. The first commercial oil was obtained here in 1949; now, according to the government of the Ulyanovsk region, 48 oilfields have been discovered, 29 of which are being exploited, and nine of which are being prepared for commercial development. The Philippovsky oilfield in the Melekessky district is considered to be the richest oilfield. A total of 186 wells are exploited, and more than 500,000 tons of oil are extracted annually, including gas condensate.

The region also possesses significant reserves of mineral raw materials for building materials. In particular, the Tashlinskoye and Lukyanovskoye deposits of guartz sands are Russia's biggest raw material bases, including those for glass production.

The region also possesses impressive reserves of chalk and clay. The total reserves of chalk in proven reserves are estimated at 380 million



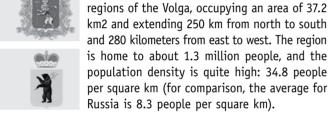
tons, along with 58.9 million tons of clay. The Ulyanovsk region occupies one of the leading places in Russia in terms of reserves of silica materials (diatomite). The proven industrial reserves of siliceous raw materials are estimated at 55 million m³. The country's largest insulation and filtration materials production plant is located on one of the finest deposits of diatomite – Inzensky.

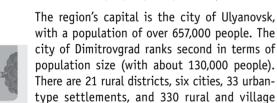
The Ulyanovsk and Tsilninsky districts possess deposits of shale oil ranging from 7 to 11 meters' thickness. The shale oil reserves are large, but they can only be developed by mining, which is expensive.

Most peat deposits are concentrated in the Baryshsky, Inzensky, Sursky, Cherdaklinsky, Melekessky and Staromainsky districts; in total there are 493 deposits in the region with a total reserve of 33.2 million tons.

Mineral springs with healing properties occupy a special place in the region's resources. They yield 12,500 m³ per day. In the area of the village Undora in the Ulyanovsk district, there are 13 discovered springs with low-mineralized hydrocarbonatesulphate calcium-magnesium

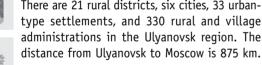
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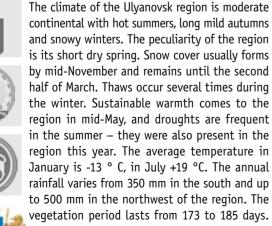


running through its territory is more than 200 km.

The Ulyanovsk region is the smallest of eight



NATURE



The Volga River, which becomes the Kuibyshev

reservoir on the region's territory, divides the



water known as "Volzhanka". A large recreational complex of national importance is located here.

It should be noted that the power supply system of the Ulyanovsk region is not adequate. The region's own sources provide only about a third of the total demand for electricity in the region. The remaining needs are covered by purchases made on the federal wholesale electricity market and capacities from neighboring power grids.

TRANSPORTATION

Airlines connect the region with all parts of Russia, as well as with Europe, Central Asia, the Middle East and China. The flight from Ulyanovsk to Moscow takes about one hour. Ulvanovsk is the only city in the Volga Federal District to have two A-class airports: Ulyanovsk-Central and Ulyanovsk-East (international). The airports are equipped with modern navigation equipment and are able to accept aircrafts of all types, including the AN-124 Ruslan and Boeing 747. The runway of Ulyanovsk-East airport is one of the longest in the world, with a length of 5,100 m and width of 105 m. The largest airlines operating in the Ulyanovsk region are ZAO Volga-Dnepr Airlines and Polet Airlines.



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan



The total length of roads in the region is 4,904.5 km, of which 431.7 km are federal roads and 4,472.8 km are regional roads. The length of asphalt and concrete-covered roads is 4,416.3 km. Last year a new Ulyanovsk (Presidential) Bridge was launched - the largest bridge over the Volga in the Russian Federation. Its length is 5.8 km. The new bridge crossing will become part of the Volga transit project – an alternative route connecting the European part of Russia with the Urals, Siberia and the Far East. It is assumed that this project will ease the load of

The length of the region's railways is 709 km. Rail transportation in the region is provided by the Ulyanovsk branch of the Kuibyshev Railway - a branch of OAO RZhD.

The river port in Ulyanovsk is situated on both banks of the Volga. Its indisputable advantage is the existence of a crane with a carrying capacity of 100 tons - the only one on the Volga. Passenger and cargo transportation as well as loading and unloading services are provided by OAO Ulyanovsk River Port.

INDUSTRY

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the federal roads.

World War II gave a significant boost to the industry of the Ulyanovsk region. During the war years, 15 major industrial enterprises from Moscow, Belarus and Ukraine were evacuated to the region. They laid the foundation for large and medium-scale engineering in the region. In particular, on the basis of ZIL, which was evacuated from Moscow in 1941, an automobile plant now known as UAZ was built in Ulyanovsk.

Mechanical engineering (the aircraft industry, instrument and machine tool manufacturing and the automotive industry) is still the backbone of Ulyanovsk's industry, accounting for about half of the production volume. The region ranks first in Russia for the production of civilian aircraft, and fifth for car production.

The Ulvanovsk automobile plant remains the leading representative of the automotive industry in the region; almost 30% of its output is exported. Lathes made by 000 Symbirsk Tool Plant (UZTS) are used at enterprises in the USA, France, Germany, Japan, China and many other countries. OAO Ulyanovsk Mechanical Plant produces the world famous air defense systems "Shilka", "Tunguska-M", "Square" and "Buk-M1". OAO Ulyanovsk Motor Plant is one of the leading

manufacturers of car engines.

The region is also home to one of Europe's largest aircraft plants – Aviastar-SP, which produces more than 50 aircraft per year. The enterprise manufactures the load-lifting Ruslans and medium-range Tu-204 passenger aircrafts.

The second place in terms of industrial production is occupied by the food industry, with 13.7%. In this sector, a special place belongs to sugar production, which is concentrated at OAO Ulyanovsksakhar, whose output is double the needs of the region. In addition, since before the revolution, the flour, starch, creamery and distilling industries have successfully operated here.

The third place is occupied by the power industry – 12.5%. The total capacity of local power plants is 955,600 kWt. Eighteen companies work in this sector.

Among the enterprises engaged in the production of building materials, the most notable companies are OAO Ulvanovsktsement (Portland cement under the brand '400') and 000 Diatomite-Invest (insulation materials).

In agriculture, the most developed areas are meat and dairy production, poultry, sheep and rabbit breeding, fish farming, horticulture, and the cultivation of sugar beet, potatoes, cereals and fodder crops.

As noted by the Ulyanovsk region administration, since 2005 the region has had a system of support for investors based on the Ulyanovsk regional law "On the Development of Investment Activity on the Territory of the Ulyanovsk Region". The law guarantees investors exemption from property tax for five years, exemption from rent for land used for investment projects, and the lowest rates in the Russian Federation for purchasing land to house privatized enterprises. Investment projects that are of particular importance to the region are assigned curators from among members of the regional government.

Aeronautics and aeroplane component production, nanotechnology, car and auto component manufacturing, building materials production, glass production, food processing and manufacturing, logistics and tourism are considered the most promising sectors for investment.

Evaenia Chabak

FOREST CHARACTERISTICS

Despite the region's high level of industrialization, forests are its most important economic potential and environmental foundation.

Forests cover 26% of the Ulvanovsk region. Their total area is 1,062,300 hectares, meaning the region ranks sixth in the Volga Federal District. According to data from the state forest fund, the total wood stock amounts to 155 million m³ as of January 2010.

Where forest meets steppe

Ulvanovsk forests are outstanding for their wealth of different species compared to the forests of the neighboring regions and republics of the Middle Volga. The vegetation of the right bank is the advanced far south area of coniferous-broad-leaved subzone with isles of clean pine forests and forest-steppe. The left bank is a typical steppe, but with large isles of forest. The Predvolzhye area is especially rich in forests: they occupy more than 30% of its territory, while 20% of land in the Zavolzhie area is covered with forest.

The region is located in three climate zones. The large central zone is occupied by foreststeppe alternating with broad-leaved forests, pine forests and steppe areas. In the north are pine forests that are partly relict; in the extreme northwest in the Sursky district there is an area of European taiga – the Kuvaiskava taiga tract with spruce on its southern border. The southern and southeastern districts of the region are steppe.

The diversity of the forest complex of the Ulyanovsk region is a consequence of the complex history of its geological development. Following the Atlantic cyclones, the western plant species occupied the western and northwestern slopes of the Volga Uplands, and today are approaching the Volga Valley. The eastern species of flora took root on the warmest southern and southwestern steppe and chalk slopes.

The heterogeneity of the region's landscape is also one of the reasons for the amazing diversity of the region's forests. During the Ice Age, various elevated areas on the Volga Uplands escaped glaciation and were shelters for flora; some species have survived to the present day. The relief also affects the distribution

In terms of economic significance, location and function, all the region's forests belong to the 1st and 2nd groups. "According to the economic, environmental and social value of the forest fund, the region's forests are classified as operational and protective forests — the area of protective forests is 79%, and the remaining 21% is operational forests," according to the Ministry of Forestry, Wildlife and Ecology of the Ulvanovsk region.

Within the forest age structure, young forests comprise 35%, medium-aged forests account for 37%, ripening cover 15%, and mature and overmature make up 13%. The main forest-forming species on the territory of the Ulyanovsk region are pine, oak, smallleaved linden, silver birch, white birch (in damp forests), and aspen. In addition, Norway maple, elm, and in some areas ash may also occur. Near bodies of water, along the banks and in river floodplains, black alder, black poplar, white poplar, and various types of willow grow.

Dark conifers dominate the coniferous forests: spruce, light coniferous - broad-leaved pine, and pine forests. The most common are broadleaved pine forests, which are characterized by two wood tiers: the first is formed by pine trees, the second by broad-leaved species, oak or linden trees. On sandy-podzolic soils, there are often green moss pine forests with one wood tier formed by pine. Shrub tier in such forests is almost entirely absent.





of precipitation — in more wooded hills, the level of rainfall is 10-15% higher than in the surrounding plains.

Coniferous forests cover 366,400 hectares, or 41% of the total forested area of the Ulvanovsk region. The prevailing species are pine (358,700 ha), spruce (6,300 ha) and larch (1,400 ha).

The deciduous forests of the Ulyanovsk region are represented by broad-leaved (oak and linden) and small-leaved (birch, aspen and alder) stands. They are characterized by strong shade tolerance and high demands on the soil. Since these forests are heat-loving, they need the effect of the Atlantic cyclones.



Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region



Kirov Region

Nizhny Novgorod Region



Republic of Bashkortostan

Republic of Tatarstan



Hardwoods occupy 103,900 hectares (10% of all forests); the most common among them are oak, ash, maple and elm. Oak covers an area of 103,900 ha.

Softwood covers an area of 411,000 hectares (49% of the total forested area), of which the most common are birch (168,600 hectares) and aspen (152,100 hectares).

Starting in the 19th century, forest-protecting shelterbelts have been built in the Ulyanovsk region made of American maple, small-leaved and smooth-leaved elm, Pennsylvania ash and birch. Their goal is to retain snow and reduce the desiccating influence of the dry winds on the fields.

Ulyanovsk region forests have not only economic potential, but also a large protective value for water supplies. They protect topsoil from water and wind erosion, regulate the level of waterways, perform sanitary, hygienic and recreational functions, and have scientific and historical importance.

THE USE OF FOREST RESOURCES

The ratio of timber actually harvested and the annual allowable cut can serve as an indication of the state of all sectors of the region's forestry complex.

The annual allowable cut in recent years was set at 1,419,700 m³, including 295,000 m³ of coniferous species. However, the actual harvest is only half of that amount, even though 95-100% of the annual allowable cut for coniferous species is annually used.

In 2009, there was growth in the volume of logging activities for the first time in three years. In the woods controlled by the Russian Ministry of Natural Resources General Administration of Natural Resources and Environmental Protection for the Ulyanovsk region, during clear and selective cutting of mature and overmature forest stands, 785,400 m³ were harvested (686,000 m³ in 2005). Last year, the region ranked first in terms of indicators of the actual utilization of the annual allowable cut among the subjects of the Volga Federal District.

Another positive trend in forest management in recent years is a significant reduction in losses of wood: the volume of undercuts and size of areas not cleaned after cutting has fallen significantly. A decline has also been seen in the relative volume of timber losses per cubic meter of logged timber. There is a notable reduction in technical damages to forest resources caused during logging.

Individuals and legal entities that have entered into forest lease agreements are engaged in timber harvesting. In exceptional cases, forest auctions are held, as a result of which sale contracts are concluded for forest plantations. They grant permission to carry out logging to satisfy state or municipal needs.

In early 2010, the total area of forest land for timber production that was rented out amounted to 527,600 hectares, with an annual allowable cut of 1.121.600 m³.

Another current method of utilizing forest resources on a rental basis is providing forest areas for recreational activities. As of January 2010, the Ministry of Forestry, Nature and Ecology of the Ulyanovsk region had concluded 142 lease agreements for the implementation of recreational facilities on a total of 314 hectares. Resorts are being created on the rented areas with a total capacity of up to 40,000 people per year.

The ministry stresses that the plots that are rented out for recreational purposes are located near settlements that were previously heavily littered because of informal public recreation, and which were most prone to burn during the forest-fire periods. The lease agreements all contain provisions requiring the tenants to ensure fire safety in the forests, comply with sanitary regulations and participate in forest fire-fighting in the surrounding areas.

Forest plots are also leased out for other types of forest activities: agriculture or hunting, geological surveys of mineral resources, mining, and construction and maintenance of artificial bodies of water and hydraulic structures. Forest plots are also leased out for the purposes of constructing and exploiting electric power lines, communication lines, roads, pipelines and other linear objects.

In protective and operational forests of the Ulvanovsk region, the utilization of forest resources is carried out through thinning based on general maintenance and sanitary criteria, and other kinds of thinning in accordance with the laws of the Russian Federation. As a result, the general and sanitary state of forests is improving, and highly productive forest plantations of valuable tree species are being cultivated.

Table 1. Indicators of the intensity of utilization of operational forests in the Ulvanovsk region

Indicators	Units	2003	2004	2005	2006	2007	2008	2009
Total area of operational forests	Thousand ha	594,7	594,0	593,3	595,4	593,2	594,3	594,3
Total stock	Mln m ³	148,21	147,06	145,82	152,42	157,35	156,16	155,02
Average stock per ha	m³/ha	249,2	247,5	245,8	256,0	265,2	262,8	265,3
Area of mature and overmature stands	Thousand ha	90,9	104,5	100,9	121,5	137,1	132,8	128,9
Total stock of mature and overmature	Mln m ³	23,99	23,24	22,27	26,92	30,76	29,71	28,84
Average stock per ha (mature and overmature)	m³/ha	263,9	222,4	220,7	221,6	224,4	223,7	223,7
Total average growth of stock	Mln m³/year	3,49	3,48	3,45	3,52	3,55	3,55	3,55
Average growth of stock per ha	m³/ha year	5,8	5,8	5,8	5,9	6,0	6,0	6,0
Primary cutting area	Thousand m ³ /year	1422,4	1422,4	1422,4	1405,5	1419,7	1419,7	1409,3
Primary forest logging	Thousand m ³ /year	775,9	761,6	686	726	795,8	832,8	785,4
Intermediate forest logging	Thousand m ³ /year	282,0	338,3	367,1	413,1	449,8	366,4	357,0
Total area of the reserved cutting areas	ha	20338	20777	21845	20980	21785	22368	21101
Logging per ha of the reserved cutting area	m³/ha	52,0	52,9	48,2	54,3	57,2	54,1	54,1
Utilization of the annual allowable cut	%	54,5	53,5	48,2	51,6	56,0	59,4	55,7

According to the regional Ministry of Forestry, maintenance work was carried out on 12,626 hectares of forest in 2009, including a 6,050-hectare area of young stands. During the maintenance cutting, 357,000 m3 of timber were harvested, representing 31.2% of the total volume of harvested timber, or 45.4% of the felling of mature and overmature forest stands. As a result of the maintenance cuts in the young stands, 28 hectares were transferred to the category of valuable forest stands.

REPRODUCTION

The Ulyanovsk region has a long tradition of artificial forest regeneration. As far back as in 1914, an authoritative congress of local foresters with the participation of Professor Mikhail Orlov renounced the use of gradual cutting and found it expedient to recommend artificial reforestation for conifers and natural sprouting for deciduous species as the main reforestation methods in the Simbirsk province. Current forest management is also oriented towards the creation of forest stands on glades of pine, oak and low-productivity deciduous species and towards the natural renewal of cut high-bonitet birch and aspen forests.

Specialists of the Ministry of Forestry, Nature and Ecology of the Ulyanovsk region note the positive dynamics of the lands of the Forest Fund in the past 30 years. The total area of the Forest Fund has increased by 2,500 hectares; while the area of land not covered by forest has decreased by 14,100 hectares.

In order to combat soil erosion by the wind, forestries are creating protective anti-erosion forest plantations and field-protecting roadside forest strips. Their volume is 92.5 and 19 hectares respectively.

The main goals for reforestation in the near future are defined in the Forest Plan of the Ulyanovsk region for 2009-2018. In accordance with this plan, the area of artificial reforestation in the Ulyanovsk region in 2009 amounted to 2000 hectares, and an equal area of land has been prepared for crops in 2010. 61.5% of the selective planting material grown in the regional nurseries has been used, and 48% of forest crops are sown mechanically.



Since the early 2000s, forest planting and maintenance activities have been carried out at an increasing pace. Extensive work is being carried out to establish a permanent forest seeds base on a selection basis. The number of seedlings grown meets the requirements of local silvicultural production fully. Forest seed plantations cover an area of 22 hectares, and 20 forest nurseries occupy 44 hectares, of which 36 hectares are conifers, pine and spruce. Schools of tree and shrub species occupy an area of 4.8 ha, and there are 55 hectares of Christmas fir plantations. A one-year insurance fund of common pine seeds has been created.

As part of the maintenance and development of objects of the unified genetics and breeding complex program, five hectares of forest-seed plantation have been created, along with one hectare of archives of clones of polar trees.

NP LPK ZABOTA O LESE







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Bryansk Region

Kaluga Region

Kostroma Region

Moscow Region

Vladimir Region

Yaroslavl Region

VOLGA **FEDERAL DISTRICT**

Kirov Region

Nizhny Novgorod Region

Perm Krai

Republic of Bashkortostan

Republic of Tatarstan



Table 2. Utilization of the annual allowable cut in 2009 compared with the regions of the Volga Federal District

BAN	Name of the subject	Annual allowable cut, thousand m ³	Actual utilization of the annual allowable cut in 2009, thousand m ³	% of utilization of the annual allowable cut
	Republic of Mordovia	1809,4	495,7	27.4
	Republic of Tatarstan	1404,9	380,7	27.1
	Republic of Chuvashia	345,1	93,1	26.9
	Perm Krai	16700	5000,0	29.3
	Kirov Region	16600,0	4500,0	34.9
unan 🖉	Nizhny Novgorod Region			
	Penza Region	1148,0	254,0	22.1
Marine Contraction of the Contra	Saratov Region	1400,0	200,0	14.3
alter an	Samara Region	179,8	100,0	49.4
	Ulyanovsk Region	1419,7	785,4	55.3

Based on data from the Ministry of Forestry, Nature and Ecology of the Ulyanovsk region)



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FORESTS AS NATURAL MONUMENTS

budget.

Since 1961, the Ulvanovsk region has been working on the selection and preservation of monuments of nature, especially on those such as relict forests, forest areas that have more or less preserved their original vegetation and which often have considerable geological age. They are examples of original vegetation and are of great scientific importance.

The regional government is actively using the

mechanism of international cooperation within

the framework of the Kyoto Protocol. Since 2007,

the Ulyanovsk region has been a participant in

realizing the provisions of the Kyoto Protocol

on the establishment of carbon-depositing

plantations. Over a period of two years, carbon-

depositing plantations were planted on an area

of 2,000 hectares, agro care is being provided;

and more than 100 million rubles have been

allocated for this purpose from the federal

There are about ten plots of designated relict forest in the region. They include the broadleaved forest area representing the indigenous Volga oak woods northeast of the Undora Village of the Ulyanovsk district.

The Sengiley relict pine forests are represented by two plots in the forestry that carries the same name. One of them is an example of pine forest on sandy-rocky deposits preserved since ancient times. Another is an example of the Cretaceous pine forest in the Upper Cretaceous deposits. Several relict forest plots are located in the

Inzensky district. These are green moss pine forests with rare plants of northern species.

Relict forests are also part of the Sura regional zoological wildlife sanctuary, where Kuvaysk taiga is present with spruce on its southern border. In Ulyanovsk Zavolzhie, there is a plot of relict primary linden forests in the Nikolsk forestry.

The Genk protective forest belts, old forest parks formed on the basis of natural forest (Vinnovsk Grove) or long-established artificially (Akshuat park, Yazykovsk Park) are also classified as monuments of nature. The Undorovsk broadleaved forest with a variety of rare plant species is unique.

Today the Ulyanovsk region is home to 37 species of relict plants, which represents 2.5% of the region's total flora. The total area occupied by natural monuments is 200 hectares. Particularly valuable forests occupy 500 hectares, and forests of scientific or historical value occupy 4,200 hectares.

Maintenance and improvement of the network of especially protected nature areas, and maintenance of the ecological balance are one of the priorities of the region's environmental policy. A state inventory of especially protected nature areas of the Ulyanovsk region has been compiled, and as a result of many years of work, the most valuable natural complexes have been established, a protection regime set up for them, and their legal status recognized.

To date, the total area of especially protected natural areas of the Ulvanovsk region is 1,124,000 hectares and comprises 3.1% of the total land area. These include the Sengileyev Mountains national park, the protected zone of the Volga Forest-Steppe state nature reserve, and 130 wildlife sanctuaries and nature reserves.

Evgenia Chabak

FORESTRY: POTENTIAL FOR GROWTH

The proportion of wood-processing in the industrial structure of the Ulyanovsk region is negligible. But the region's government is confident that the industry has significant resources and growth potential.

Among the factors hampering the development of the region's forestry industry are the low technical level of production, high degree of depreciation of industrial and production assets and the lack of capacity for integrated timberprocessing. The situation can be improved, but undoubtedly, the main requirement here should be a high level of innovation and investment activity together with the establishment of a constructive dialogue between the government and business.

The Development Strategy through 2012 poses the task of developing integrated timberprocessing in the region. The most immediate plans include certifying the region's forests according to international standards, and creating a reliable system for monitoring the origin and movement of timber which could limit illegal logging. Much attention is being paid to forest farming and lumber exchange, as well as measures to combat illegal timber logging. The Minister of Natural Resources and Environment of the region, Vyacheslav Kublik, is confident that forestry farming is the way to stabilize and sustain people in the countryside, combat illegal logging and ensure the better utilization of the forest fund.

Investment projects in the forestry industry complex are implemented on the basis of the region's wood-processing enterprises. Four main directions have been developed: investments in fixed capital (replacement of fixed assets), forestry development, development of integrated wood-processing, and the production of biofuels.

The regional government places great hope in the last sphere. According to the region's Forestry Ministry, every year more than 720 m³ of the cutting area remain unused in the region, comprised of deciduous species and small-scale coniferous species timber, as well as 320,800 m³ of unmarketable timber. This makes it possible to form plans to attract investment for the construction in the region of alternative energy facilities running on biofuels. Unmarketable products from thinning in young stands and nonmarketable timber from thinning and softwood felling of mature and overmature stands, as well as forest remains from timber logging could be used for its production. Ministry specialists also consider unused timber to be a potential resource for attracting investment to build a plant producing hardboard, chipboard and MDF in the Ulyanovsk region.

of the region plan to invest 115.1 million rubles in fixed assets. It is believed at the Forestry Ministry that it is now possible to speak of the stable development of the timber industry complex of the Ulyanovsk region. The evidence for this is the opening of new workshops and lines, and the application of new production technologies. Even during the crisis, forestry enterprises continue to find opportunities to work, modernize production and create new jobs.

rubles.

As for the renewal of fixed assets, in the near future, logging and wood-processing enterprises

According to the ministry, in 2010 it is planned to attract a total of 559.6 million rubles in investment to the timber-processing complex, which will create 62 additional jobs and increase the value of products shipped by 142.8 million

MAJOR INVESTMENT PROJECTS IN THE FIELD OF INTEGRATED WOOD-PROCESSING BEING **IMPLEMENTED IN 2010**

1. Production of thermo-modified wood at 000 Lesniye Resursy, Ulyanovsk city.

Project completion date - 2012.

Total investment - 1,350 million rubles, investment in 2010 - 9.5 million rubles.

000 LESNIYE RESURSY





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Ulyanovsk Region

With a three-shift working schedule, 1,200 additional jobs will be created.

At full capacity (3,000 m³ per month), output

will reach 3,960 million rubles per year. Planned:

- Purchase and installation of automated production lines for molded products and glued products:

- Installation of automated production lines for door and window blocks and building components;

 Modernization of equipment for primary woodprocessing (sawing and drying), replacing old equipment with automated latest-generation equipment.

2. Construction of a workshop producing profiled bars at NP UNPK Les in the Inzensky district.

Project completion date – November 2010.

Total investment - 12.3 million rubles, investment in 2010 - 9 million rubles.

Number of jobs created - 10.

Production capacity – 100 m³ per month.

At full capacity, output will reach 10 million rubles per year.

3. Construction of two drying chambers at NP UNPK Les Yug in the Nikolaevsky district.

Project completion date - September 2010.

Total investment – 7.7 million rubles.



Capacity - 100 m3 per month each.

At full capacity, output will reach 28 million rubles per year.

4. Construction of a drying chamber at NP LPK Vse Dlya Lesa in the Mainsky district.

Project completion date - October 2010.

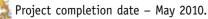
Total investment - 3.5 million rubles.

Production capacity -50 m^3 per month.

At full capacity, output will reach 7.2 million rubles per year.

5. Production of wooden windows and stained-glass at NP LPK Zabota O Lese in the Staromainsky district.

Start date of the project – April 2009.



Total investment – 4.3 million rubles, investment in 2010 - 1.3 million rubles.

Number of jobs created - 6.

Annual production – 3,360 m2 of products.

At full capacity, output will reach 20.2 million rubles per year.

6. Wooden house construction at NP LPK Zabota **0** Lese in the Staromainsky district.

Start date of the project – April 2009.

Project completion date - May 2010.

Total investment - 4.5 million rubles, investment in 2010 - 2.5 million rubles.

Number of jobs created - 6.

Annual production – 1,200 m³ of timber.

At full capacity, output will reach 21.6 million rubles per year.

7. Pellet production workshop at NP LPK Zabota **0 Lese** in the Staromainsky district.

Project completion date – July 2010.

Total investment - 16 million rubles, in 2009 investment amounted to 10 million rubles (equipment has been purchased, the building has been renovated), investments in 2010 - 6 million rubles.

Number of jobs created - 10.

Production capacity - 260 tons per month. At full capacity, output will reach 10.9 million rubles per year.

8. Production of pellets at 000 Granvest, Barysch city.

Project completion date – May 2010.

Total investment - 15 million rubles, in 2009 investment amounted to 9 million rubles (equipment has been purchased), investment in 2010 - 6 million rubles.

Number of jobs created - 20.

Production capacity - 300 tons per month.

At full capacity, output will reach 12.6 million rubles per year.

9. Investment in fixed assets at OOO PF Inzensky DOZ.

Planned:

- Modernization of the presses, acquisition of small-scale mechanized production facilities, increase of output of finished products;

- Improvement of energy efficiency in production by switching over the technological coolant from steam to thermal oil, development and implementation of energy saving programs;

- Processing of wood waste into environmentally friendly biofuels. A feasibility study of the project has been done.

Total investment – 23.1 million rubles.

The investment will make it possible to increase the volume of products shipped by 32.3 million rubles.

10. Investments in fixed capital at 000 Union of Timber Manufacturers, Barysch city.

Acquisition of harvesting complexes (a forwarder and harvester) is planned.

Total investment - 21 million rubles.

11. Completion of planning work, creation and maintenance of the unified genetics and

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- breeding complex facilities.
- Total investment about 5 million rubles.
- Project completion date July 2010.
- **12.** Creation of a forest seed-breeding center
- Total investment 300 million rubles.
- Project completion date November 2010.
- **13.** Execution of forest management work. Source of investment: tenants' funds. Total investment – 85 million rubles.
- In addition, an investment project is being considered for the construction of a plant producing large-format laminated plywood with a capacity of 35,000 m³ per year.
- Prepared by Evaenia Chabak Based on data from the Ministry of Forestry, Nature and Ecology of the Ulyanovsk region



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NP UNPK LES





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Kaluga Region

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VOLGA FEDERAL DISTRICT

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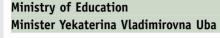
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TIMBER ENTERPRISES **OF THE ULYANOVSK REGION**



	- 1	Name	Activity	Address	Contacts
		ALEXDOOR (IP Pavlov)	Woodworking. Interior doors	432072, Ulyanovsk, Devyatij Proezd Inzhenerny, 11	Tel.: +7 (8422) 523427, Tel./fax +7 (8422) 551052, alexdoor2006@mail.ru
of ostar		AMA, 000	Pulp-and-paper: decorative paper-lamellar plastics	432072, Ulyanovsk, Pr. Antonova, 55	Tel. +7 (8422) 959508, Tel./fax (8422) 419808, mail@amaopt.ru, www.amaopt.ru
		Antej, 000	Woodworking: oak, soft- wood	433367, Ulyanovskaya Obl., Terengulsky Rayon, St. Molvino	Tel. +7 (927) 8034769, Fax +7 (8422) 404768
tan	(3)	Avrora Furniture Plant, 000	Furniture production	433503, Ulyanovskaya Obl., Dimitrovgrad, Ul. Kalugina, 48	Tel.: +7 (84235) 29148, 29211, Fax +7 (84235) 51700, dmfavrora@mail.ru, www.dmfavrora.ru
k		AvtoMetrpom, 000	Furniture production. Laminated chipboard	432045, Ulyanovsk, Moskovskoje Shosse, 14	Tel. +7 (8422) 653715, Tel./fax +7 (8422) 617554, slavlam@mail.ru, www.slavlaminat.ru
		Baryshskaya Furniture Plant, ZAO	Furniture production	433750, Ulyanovskaya Obl., Barysh, Ul. Mebelnaya, 8	Tel.: +7 (84253) 21216, 21226, Fax +7 (84253) 21926, barysh@list.ru, www.baryshmebel.ru

Name	Activity	Address	Contacts
Bash-Upak, 000	Pulp-and-paper	433513, Ulyanovskaya Obl., Dimitrovgrad, Ul. Zapadnaya, 12/3	Tel./fax +7 (84235) 61179, pobash@mail.ru
Belmet, 000	Pulp-and-paper: tissue and home paper	432010, Ulyanovsk, Ul. Nakhimova, 13A	Tel./fax +7 (8422) 250357, belmet@pochta.ru
Bereg Door Plant, 000	Woodworking. Interior doors	432072, Ulyanovsk, Proezd Inzhenerny, Stroenije 17	Tel.: +7 (8422) 730293, 265401, Fax +7 (8422) 265400, dveribereg@mail.ru, www.dveribereg.com
Caravella Furniture Plant (IP Miller)	Furniture production	432072, Ulyanovsk, Vtoroj Proezd Inzhenerny, 2A	Tel. +7 (8422) 263405, Tel./fax (8422) 520165, caravella73@mail.ru, www.caravella73.ru
Cardboard-Paper Mill #1, 000	Pulp-and-paper: cardboard	433700, Ulyanovskaya Obl., Pos. Bazarny Syzgan, Ul. Avdeeva, 108	Tel./fax +7 (84240) 21616, bazkbk2006@mail.ru
Dveri Povolzhya, 000	Woodworking. Interior doors	433400, Ulyanovskaya Obl., Cherdaklinsky Rayon, pgt Cherdakli, Ul. Molodiozhnaya, 1	Tel./fax +7 (84231) 23662, dveripovoljia@mail.ru, www.dveripov.ru
Inzales, 000 (Les, NP UNPK))	Lumbering. Woodworking: beam and moulded strips. Wooden house construction	433030, Ulyanovskaya Obl., Inza, Ul. Transportnaya, 5	Tel.: +7 (84241) 26314, 26465, Tel./fax +7 (84241) 24203, npunpk.les@mail.ru
Inzensky Woodworking Plant, 000	Woodworking: veneer and plywood	433030, Ulyanovskaya Obl., Inza, Ul. Zavodskaya, 16	Tel. +7 (84241) 26467, Tel./fax +7 (84241) 24461, info@inzadoz.ru, www.inzadoz.ru
Kedr, 000	Wood-sawing	433140, Ulyanovskaya Obl., Mainsky Rayon, S. Tagai, Trety Per. Zentralny, 3	Tel./fax +7 (84244) 37504, kedrtagai@mail.ru
Kuzovatovsky DOZ, 000	Woodworking: beam, moulded euro-strips, floor lath	432063, Ulyanovsk, Per. Kuznetsova, 14	Tel./fax +7 (8422) 490000, dina.mv@mail.ru
Lesniy Resursy, 000	Wood-sawing: moulded strips. Woodworking: saw timber	432055, Ulyanovsk, Seldinskoye Shosse, 12	Tel. +7 (8422) 692700, Tel./fax (8422) 692580, mark@lesres.ru, www.lesres.ru
Les-Yug, NP UNPK	Lumbering	433810, Ulyanovskaya Obl., Nikolaevsky Rayon, Rab. Pos. Nikoaevka, Ul. Kommunalnaya, 50	Tel./fax +7 (84247) 21649, np_unpk_les_yg@mail.ru, www.les-yuq.ru
Lik, Production Association	Furniture production	432067, Ulyanovsk, Devyatij Proezd Inzhenerny, 5	Tel./fax +7 (8422) 550322, likmebel@mail.ru, www.lik-mebel.
Lsorub, PKF, 000	Woodworking: saw timber. Wooden house construction	433024, Ulyanovskaya Obl., Inzensky Rayon, S. Prolomikha	Tel. +7 (84241) 60102, Tel./fax (84241) 27260, lesorub73@mail.ru
Luidor, 000	Woodworking. Interior doors	432072, Ulyanovsk, Pervij Proezd Inzhenerny, 17	Tel. +7 (8422) 2503956 Tel./fax (8422) 2503966 bestdoor@mail.ru, www.bestdoor-fabrika.ru
LZU, 000	Lumbering, wood-sawing	433264, Ulyanovskaya Obl., Sursky Rayon, S. Bolshoy Kuvai	Tel./fax +7 (84242) 36118
Master House Ulianovsk, 000	Wooden house construction	432006, Ulyanovsk, Ul. Lokomotivnaya, 6	Tel. +7 (8422) 733973, Tel./fax (8422) 322783, masterhous@inbox.ru, mxul@mail.ru, www.mx-ul.ru
Mebelkomplekt Production Asspciation, 000	Furniture production	433400, Ulyanovskaya Obl., Cherdaklinsky Rayon, pgt Cherdakly, Ul. Kirova, 51, P.O. Box 55	Tel./fax: (84231) 24040, 24044, mebel@e4u.ru, www.mebelkomplekt.ru
MEK Furniture Plant (IP Mamikina T.A.)	Furniture production	432070, Ulyanovsk, Odinnadzatij Proezd Inzhenerny, 20A	Tel./fax: +7 (8422) 265429, 26543 factory_73@mail.ru, www.kuhni-mek.ru
Nairi Furniture Plant, 000	Furniture production	432072, Ulyanovsk, Ulyanovsky Pr., 10	Tel.: +7 (84230) 71203, 71185, nairitorg@mail.ru, www.nairimebel
Orfey Furniture Plant	Furniture production	432000, Ulyanovsk, Sedmoj Proezd Inzhenerny, 25, Stroenie 5	Tel.: +7 (8422) 943881, (917) 61316 Tel./fax +7 (8422) 500618, orfey73@list.ru, www.orfey73.ru
OZL Lesniki, NP	Lumbering. Woodworking: saw timber	433910, Ulyanovskaya Obl., Radischevsky Rayon, Pos. Radischevo, Ul. Chkalova, 92	Tel. +7 (84239) 21424, Tel./fax +7 (84239) 21509, radles@mv.ru

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		Name	Activity	Address	Contacts
CENTRA		Production	Elite interior doors	432010, Ulyanovsk, Ul. 9	Tel.: +7 (8422) 520916, 522525,
FEDERAL DISTR	ICT	Company, 000 Promkombinat, 000	production (oak, beech, ash)	Maya, 77 433910, Ulyanovskaya Obl.,	an@aldoor.ru, www.aldoor.ru Tel. +7 (84239) 21375,
Bryansk		Promikombinat, 000	Lumbering	Rab. Pos. Radischevo, Ul. Kooperativnaya, 13	Tel./fax (84239) 21375, Tel./fax (84239) 21270
Region		Rada, 000	Woodworking. Interior doors	432022, Ulyanovsk, Ul. 1 MTS, 12	Tel.: +7 (8422) 529405, 558328, 558345, 529414, info@grkrada.ru, grkrada@mail.ru, www.grk-rada.ru
Kaluga Region		Rossich, 000	Woodworking. Interior doors	432072, Ulyanovsk, Devyatij Proezd Inzhenerny, 27	Tel.: +7 (8422) 280307, 551158 Fax +7 (8422) 280307, rossichmail@bk.ru, www.rossich-dveri-mebel.ru
Kostroma		Simbirsky Zodchy, 000	Wooden house construction	433810, Ulyanovskaya Obl., Rab. Pos. Nikolaevka, Ul. Komsomolskaya, 49Д	Tel. +7 (927) 6147114, Tel./fax +7 (84247) 21649, sim_zodchi@mail.ru
Region		SimKor Furniture, 000	Furniture production	432072, Ulyanovsk, Devyatij Proezd Inzhenerny, 24	Tel. +7 (8422) 260751, Tel./fax +7 (8422) 260758, simcor@mail.ru, www.simcor.ru
Moscow	s dag	SpezTekhnoTara, 000	Wooden pallets production	432035, Ulyanovsk, Ul. Profsoyuznaya, 64A	Tel. +7 (8422) 962233, info@spectara.ru, www.spectara.ru
Region		Stoliarny Dom, 000	Lumbering	433360, Ulyanovskaya Obl., Rab. Pos. Terenga, Ul. Spirina, 3	Tel./fax +7 (884234) 21599
		Taralina Furniture Plant, 000	Furniture production	432031, Ulyanovsk, Dimitrovgradskoye Shosse, 26A	Tel./fax +7 (8422) 250580, taralin73@mail.ru
Vladimir Region		Tellura, 000	Furniture production	432045, Ulyanovsk, Moskovskoye Shosse, 16Б	Tel. +7 (8422) 485748, Tel./fax +7 (8422) 456385, to@telluraplus.ru, www.tellura-plus.r
Yaroslavl		Teplostroy, 000	Wooden house construction	432042, Ulyanovsk, P.O. Box 1582	Tel. +7 (8422) 348558, Tel./fax +7 (8422) 613038, info@teplostroy.org, www.teplostroy.org
Region		Terengulskaya Furniture Plant, ZAO	Furniture production	433360, Ulyanovskaya Obl., Rab. Pos. Terenga, Ul. Ulyanovskaya, 11	Tel. +7 (84234) 22546,Tel./fax +7 (84234) 22393, terfurn@mail.ru
VOLGA FEDERAL DIST	RICT	Trio, 000	Furniture production: kitchens	432064, Ulyanovsk, Dvadzatij Proezd Inzhenerny, 5	Tel. +7 (8422) 250762, Tel./fax +7 (8422) 250761, sbyt@potrio.ru, www.kuhni-trio.ru
Kirov Region	-	Ulyanovsk Furniture Plant, 000	Furniture production	432035, Ulyanovsk, Proezd Neftyanikov, 12	Tel. +7 (8422) 360552, Tel./fax +7 (8422) 360570, marketumk@yandex.ru, www.ulmebel.com
Nizhny Novgorod		Valma, 000	Wood-sawing: moulded strips. Woodworking. Furniture, doors and windows production	432072, Ulyanovsk, Devyatij Proezd Inzhenerny,18	Tel. +7 (8422) 750003, Fax +7 (8422) 260535, valma73@mail.ru, www.valma.ruln.ru
Region	A starter	Tsirkon, 000 (Varadoor)	Woodworking. Interior doors	432072, Ulyanovsk, Devyatij Proezd Inzhenerny, 24	Tel. +7 (8422) 250655, Tel./fax +7 (8422) 260112, varadoor@varadoor. ru, www.varadoor.ru
Perm Krai		Victoria Furniture Plant, 000	Furniture production	432072, Ulyanovsk, Devyatij Proezd Inzhenerny, 26	Tel./fax: +7 (8422) 250805, 250807, victory97@mail.ru, www.victoriamebel.ru
Republic of		Vremya2000, 000	Pulp-and-paper: corrugated board	433504, Ulyanovskaya Obl., Dimitrovgrad, Mullovskoye Shosse, 7/22, P.O. Box 136	Tel./fax +7 (84235) 33108, karton@vinf.ru
Bashkortostar		Woodworking Mill #1, 000	Wooden house construction: small architectural forms production	433240, Ulyanovskaya Obl., Sursky Rayon, Rab. Pos. Surskoye, Per. Lenina, 7	Tel. +7 (8422) 706087, Tel./fax +7 (84242) 22292
Republic of Tatarstan		Wrap Plant, 000	Pulp-and-paper: paraffinize paper, package, roofing asphalt paper	433301, Ulyanovskaya Obl., Novoulyanovsk, Promploschadka	Tel. +7 (8422) 371668, Tel./fax +7 (8422) 362291, oookom73@mail.ru, www.oookom73.ru
Ulyanovsk	AL 10	Zabota O Lese, NP LPK	Lumbering. Wooden house construction. Woodworking	433460, Ulyanovskaya Obl., Staromaynsky Rayon, Rab. Pos. Staraya Maina, Ul. Gorkogo, 67	Tel./fax +7 (84230) 22385, zabotaolese@mail.ru
Region		IL Porte IP	Furniture production	432072, Ulyanovsk, Cherdaklinsky Rayon, Selo Arkhangelskoye, Ul. Polevaya, 1A	Tel. +7 (8423) 156101, dveribik@yandex.ru, www.dveribik.narod.ru



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CONTACT DATA OF LARGE-SCALE COMPANIES OF RUSSIAN FORESTRY COMPLEX

LOGGING

Name	Address	Contacts	
Almazy Anabara, OAO	677000, Respublika Sakha, Yakutsk, ul. Chernyshevskogo, 6	Tel.: +7 (4112) 42-01-02, 45-01-00, 44-16-06, 44-11-42, office@alanab.ru, www.alanab.ykt.ru	
Almis PKP, 000	610000, Kirov, ul. Gertsena, 21	Tel.: +7 (8332) 70-82-51, 70-82-52, almis@wd.kirov.ru, www.almiswood.com	
ALROSA-Lena, Shipping Company, OAO	678144, Respublika Sakha, Lensk, ul. Naberezhnaya, 59	Tel. +7 (4113) 74-65-38, fax +7 (4113) 74-65-34	
Altayles Forest Holding Company, 000	656056, Altaisky Krai, Barnaul, ul. Proletarskaya, 61	Tel./fax +7 (3852) 63-41-80, altailes@altailes.com, www.altailes.com	
Amursky DOK, OAO	682640, Khabarovskaya obl., Amursky rayon, Amursk, Zapadnoye shosse, 55	Tel. +7 (4214) 22-84-50	
Apsheronskaya Lumbering Company, ZAO	352678, Krasnodarsky Krai, pos. Chernigovskoye, ul. Komsomolskaya, 1	Tel. +7 (861 52) 34-145	
Badinsky Kompleksny Lespromkhoz, OAO	665740, Irkutskaya obl., Bratsky rayon, pos. Pokosnoye, ul. Sibirskaya, 18	Tel. +7 (3953) 40-26-32	
Baikalskaya Lesnaya Kompania, OAO	670013, Respublika Buryatia, Ulan-Ude, ul. Kluchevskaya, 21	Tel. +7 (3012) 43-10-40, fax +7 (3012) 37-46-33	
Bashkir Timber Industry Company, Holding	450019, Ufa, ul. Rizhskaya, 5	Tel./fax: +7 (347) 291-72-61, 291-72-71, export@bashles.ru, www.bashles.ru	
Beloozerskoye, OAO	391300, Ryazanskaya obl., Kasimov, ul. Lenina, 12b	Tel. +7 (49131) 2-06-73	
Belozersky LPH, OAO	161200, Vologodskaya obl., Belozersk, Tretia Internatsionalnaya ul., 2	Tel.: +7 (8175) 62-26-44, 62-11-45, fax +7 (8175) 62-14-08	
Berezovsky Woodprocessing Plant, ZAO	628259, KhMAO – Yugra, Sovetsky rayon, pos Taezhny, ul. Mira, 4,	Tel.: +7 (34675) 44-898, 44-805	
Beryozovsky Lespromkhoz, OAO	613810, Kirovskaya obl., pgt Oparino, ul. Stakhanovkaya, 2	Tel.: +7 (83353) 2-21-50, 2-21-55, 2-21-54, ber2014@yandex.ru	
Bratsklesstroy, ZAO	665708, Irkutskaya obl., Bratsk, ul. Yuzhnaya, 18A	Tel.: +7 (3953) 43-53-86, 43-53-86, 43-92-26	
Bryansksnables, 000	241020, Bryansk, Moskovsky Proezd, 44	Tel.: +7 (4832) 63-76-08, 63-76-09, fax +7 (4832) 63-76-08, snables@online.debryansk.ru, www.snables.debryansk.ru	
Cherdinlesprom, ZAO	618600, Perm Krai, Cherdin, ul. Prokopievskaya, 59	Tel.: +7 (34240) 2-82-10, 2-95-37	
Cherepovetsles, LHK, OAO	162602, Vologodskaya obl., Cherepovets, ul. Lenina, 80	Tel. +7 (8202) 22-12-30, fax +7 (8202) 51-84-53, info@cherles.ru, www.cherles.com	
Chuguevskaya Timber-Processing Company, ZAO	692180, Primorsky Krai, selo Chuguevka, ul. Chapaeva, 1A	Tel. +7 (4237) 22-32-27, chlpk@rambler.ru, www.chlpk.com	
Continental Management Timber Industrial Company, 000	123022, Moscow, ul. Rochdelskaya, 15, stroenie 8	Tel. +7 (495) 775-35-66, fax +7 (495) 775-17-88, info@lpk-km.ru, www.lpk-km.ru	
Dallesprom, 000	692446, Primorsky Krai, Dalnegorsk, ul. 50 let Oktyabrya, 89	Tel. +7 (4237) 32-38-37, fax +7 (4237) 32-38-37, dlp@mail.primorye.ru	
Dallesstroy, OAO	680030, Khabarovsk, Fabrichny prosp., 2	Tel.: +7 (4212) 21-61-66, 21-95-58, 21-71-70, 21-46-03	
DOTs plus, 000	241903, Bryanskaya obl., Bryansky rayon, pos. Bolshoye Polpino, ul. Inzhenernaya, 25	Tel. +7 (4832) 28-50-82, fax +7 (4832) 28-52-47, bond_parket@online.bryansk.ru, www.dots.4br.ru	
Dvinlesprom, OAO	164558, Arkhangelskaya obl., Kholmogorsky rayon, pos. Dvinsky	Tel. +7 (81830) 2-40-18 dvinlph@rambler.ru	
Gatchinskaya Lesnaya Gruppa, 000	188350, Leningradskaya obl., Gatchina, Promzona-1, micro-rayon 6	Tel.: +7 (8137) 19-00-71, 19-02-14, mail@gfg.ru	
GornozavodskLesProm, 000	614045, Perm, ul. Krasnova, 30	Tel.: +7 (342) 238-83-41, 238-83-35, 238-83-448, info@gzlp.ru, www.gzlp.ru	
Ilim Group	191025, St. Petersburg, ul. Marata, 17	Tel. +7 (812) 718-60-50, fax +7(812) 718-60-06, office@ilimgroup.ru, www.ilimgroup.com	
Ilim Timber Industry, Holding, 000	197022, St. Peterburg, Aptekarskaya nab., 20, lit. A	Tel.: +7 (812) 332-26-84, 718-63-18, www.ilimtimber.com	
Investlesprom, ZAO	119180, Moscow, Brodnikov prosp., 4	Tel. +7 (495) 500-30-51, www.investlesprom.ru	
Inzales, 000 (Les, NP UNPK)	433030, Ulyanovskaya obl., Inza, ul. Transportnaya, 5	Tel.: +7 (84241) 2-63-14, 2-64-65, Tel./fax +7 (84241) 2-42-03, npunpk.les@mail.ru	

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Karelfinles, 000	185005, Petrozavodsk, ul. Rgachina, 9	Tel./fax +7 (8142) 79-61-46 sekretar@mail.karelfinles.ru www.karelfinles.ru
Karellesprom, LHK, OAO	185670, Petrozavodsk, ul. Andropova, 2/24	Tel. +7 (8142) 76-80-40, fax +7 (8142) 76-80-50, swles@lesprom.karelia.ru
Karsikko, Group of Companies	625056, KhMAO – Yugra, Sovetsky, Yuzhnaya promzona	Tel./fax: +7 (34675) 3-70-11, 3-70-12, forest@ karsikko.ru, www.karsikko.ru
Kedr Logging Company, 000	141303, Moskovskaya obl., Sergievo-Posadsky rayon, pos. Leskhoz, 24A	Tel. +7 (49654) 9-24-11, lk.kedr@rambler.ru
Kedr, 000	606840, Nizhegorodskaya obl., pos. Sharanga, 23	Tel.: +7 (83155) 2-17-30, 2-12-53
Key Forest, ZAO	186790, Respublika Karelia, Sortavala, ul. 40 let VLKSM, 19	Tel./fax (81430) 2-50-39, kforest@rkmail.ru
Khakasles, OAO	655600, Khakasskaya Respublika, Sayanogorsk, ul. Industrilanaya, 35	Tel. +7 (3904) 27-64-44, truymfmegapolis@yandex.ru
Kilmezsky Forestry Complex, OAO	613570, Kirovskaya obl., pgt Kilmez, ul. Naberezhnaya, 26	Tel. +7 (83338) 2-11-75, fax +7 (83338) 2-12-78
Kipelovo, TI Concern, OAO (a part of Investlesprom)	160035, Vologda, Kozlyonskaya ul., 42, office 501	Tel.: +7 (8172) 72-48-20, 72-02-54, fax +7 (8172) 72-37-35, kipelovo@kfe.vologda.ru, www. investlesprom.ru
Kirishi Lesprom, 000	187110, Leningradskaya obl., Kirishi, prosp. Pobedy, 40/4b, office 303	Tel.: +7 (812) 346-29-34, +7 (8136) 85-27-88, klp@nm.ru
Koda Les Regional Timber Company, 000	628011, KhMAO – Yugra, Khanty-Mansiysk, ul. Komsomolskaya, 30	Tel. +7 (3467) 35-51-46, fax (3467) 33-13-61, office@kodales.ru, www.kodales.ru
Komsomolsky Woodworking Enterprise, OAO	155150, Ivanovskaya obl., Komsomolsk, ul. Chaikovskogo, 14	Tel.: +7 (49352) 2-24-92, 2-19-41
Kostroma Timber Company, 000	156961, Kostroma, ul. Komsomolskaya, 4	Tel. +7 (4942) 31-79-00, fax +7 (4942) 31-30-07, pavlov@kmtn.ru, www.lpk-kostroma.ru
Kovrovsky Lesokombinat, OAO	601902, Vladimirskaya obl., Kovrov, ul. Leskhoznaya, 4	Tel.: +7 (49232) 4-86-15, 2-13-44, fax +7 (49232) 2-10-20, lescom.buh@rambler.ru
Kumales, ZAO	628205, KhMAO – Yugra, Kondinsky rayon, pos. Kuminsky, ul. Pochtovaya, 51	Tel.: +7 (34677) 39-148, 39-126
Ladenso, OAO (a part of Stora Enso)	186810, Respublika Karelia, Pitkyaranta, ul. Gorkogo, 15	Tel.: (81433) 4-24-89, 4-25-55 fax +7 (81433) 4-14-60 ladenso@onego.ru, www.storaenso.com
Ladvinsky LPH, ZAO	185519, Respublika Karelia, Prionezhsky rayon, pos. Ladva-Vetka, ul. Lesnaya 1	Tel./fax: +7 (8142) 53-77-22, 73-61-22 ladvatimber@sampo.ru
Lakhdenpohsky LPH, OAO	186730, Respublika Karelia, Lakhdenpohya, ul. Arkadiya Markova, 4a	Tel.: (81450) 2-02-25, 2-01-00 fax +7 (81450) 2-0 00 lahdlph@onego.ru
Lenaexportles, ZAO	665780, Irkutskaya obl., Ust-Kutul, ul. Zarechnaya, Prombaza	Tel. +7 (3956) 56-13-01
Les Export, OAO	690000, Vladivostok, Partizansky prosp., 44	Tel. +7 (4232) 42-49-95, info@lesexport.com, www.lesexport.com
Les-Yug, NP UNPK	433810, Ulyanovskaya obl., Nikolaevsky rayon, Rab. pos. Nikoaevka, ul. Kommunalnaya, 50	Tel./fax +7 (84247) 2-16-49, np_unpk_les_yg@mail.ru, www.les-yug.ru
Lesagrostroy, ZAO	352121, Krasnodarsky Krai, Tikhoretsk, ul. Volgogradskaya, 4	Tel.: +7 (918) 200-07-30, +7 (961) 587-20-11, terminal_4@mail.ru
Leskarel, Volomsky LPH, OAO	186950, Respublika Karelia, Muyezersky rayon, pos. Peninga, ul. Lenina, 27	Tel.: (81455) 2-16-77, 2-63-87
Lesnoye Prichulymye, OAO	636942, Tomskaya obl., Pervomaisky rayon, pos. Komsomolsk, ul. Zheleznodorognaya, 40	Tel.: +7 (3824) 54-21-42, 54-21-10, 26-55-49, les_ksk@rambler.ru, www.lesomir.ru
Lesoperevalochnaya Baza, OAO	163050, Arkhangelsk, ul. Pirsovaya, 20	Tel. +7 (8182) 45-19-45, razovaleksandr@rambler ru
Lesviko	127591, Moscow, ul. Dubninskaya, 79, office 46	Tel. +7 (495) 484-36-74, info@lesviko.ru, www.lesviko.ru
LPK, 000	157980, Kostromskaya obl., Kadijsky rayon, pos. Kadij, ul. Kostromskaya, 1A	Tel./fax +7 (49442) 2-31-46, woodprod-kad@mail.ru
LVL-Yugra, OAO	628183, KhMAO - Yugra, Nyagan, ul. Lazareva, 28	Tel.: +7 (34672) 51-209, 52-169, 51-238, lvl-ugra@nuagan.ru, www.ugratimber.com
Lyubimsky Wood Complex, OAO	152470, Yaroslavskaya obl., Lyubimsky rayon, Lyubim, ul. Rayevskogo, 11/39	Tel.: +7 (48543) 2-10-39, 2-15-39, fax +7 (48543) 2-12-18, mainbox@leslubim.ru, www.leslubim.ru
Malinovsky Sawmill, ZAO	628248, KhMAO – Yugra, Sovetsky rayon, pos. Alyabyevsky, ul. Tomyakina, 8	Tel.: +7 (346-75) 39-500, 40-444
Maxatikhinsky Woodworking Plant, Production Company	171900, Tverskaya obl., pos. Maxatikha, ul. Imeni Novogo, 71	Tel.: +7 (48253) 2-11-34, 2-23-90, info@mlpk.ru, www.mlpk.ru
Medvezhyegorsky LPH, 000	186352, Respublika Karelia, Medvezhyegorsk, ul. Zavodskaya, 3	Tel. +7 (81434) 5-60-91, fax +7 (81434) 5-89-50 office@mlph.onego.ru



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Mosobllesprom, OAO	141540, Moskovskaya obl., Solnechnogorsky rayon, pos. Povarovo, Mikrorayon Leskhoz, 43, office 2	Tel. +7 (496) 26-72-427, fax +7(496) 26-72-196, mosoblles@mail.ru, www.mosobllesprom.ru
Oparinski Logging Enterprise, ZAO	613810, Kirovskaya obl., pos. Oparino, ul. Zheleznodorzhnaya, 23	Tel. +7 (83353) 2-24-09, fax +7 (83353) 2-24-86, oparinoles@mail.ru
Partner-Omsk, ZAO	644046, Omsk, ul. Pushkina, 133	Tel.: +7 (3812) 30-63-90, 51-14-78, sekretar@partner-omsk.ru, www.partner-omsk.ru
Permsky Logging Enterprise, ZAO	614000, Perm, ul. Gorkogo, 28	Tel.: +7 (342-2) 12-43-07, 12-49-40, 12-73-62
Primorsklesprom, OAO	690091, Vladivostok, ul. Sukhanova, 3	Tel. +7 (4232) 43-35-72, plpvvo@mail.primorye.ru
Primorsky LDK, 000	164500, Arkhangelskaya obl., Severodvinsk, Arkhangelskoye shosse, 27	Tel.: +7 (8184) 6-46-72, 55-02-73 primldk@mail.ru
Primorsky Lesokombinat, OAO	692132, Primorsky Krai, Dalnerechensk, ul. Tarasa Shevchenko , 1	Tel.: +7 (4235) 62-50-43, 62-21-28, primordok@mail.primorye.ru
Priozersky DOZ, OAO	188760, Leningradskaya obl., Priozersk, ul. Kalinina, 49A	Tel.: +7 (81379) 3-62-07, 3-62-04 Fax +7 (81379) 3-56-06, doz@novodom.com, www.novodom.com
Profile-D, 000	613600, Kirovskaya obl., pgt Jurya, ul. Kalinina, 78	Tel.: +7 (83366) 2-21-14, 2-18-59, fax +7 (83366) 2-05-14, profil-d.profil@mail.ru, www.profil-d.ru
Pyaozersky LPH, OAO	186667, Respublika Karelia, Louhsky rayon, pos. Pyaozersky, ul. Mira, 10a	Tel.: +7 (81439) 5-16-10, 3-82-86 fax +7 (81439) 3-82-88 pjozeroles@onego.ru
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Rybinsklesservice, ZAO	152906, Yaroslavskaya obl., Rybinsky rayon, pos. Kedrovka, 4-2	Tel. +7 (4855) 26-74-23, fax +7 (4855) 26-74-23
Samzassky Sawmill, ZAO	628256, KhMAO – Yugra, Sovetsky rayon, pos. Kommunistichesky, 23	Tel.: +7 (34675) 46-555, 46-283
Selena Timber Industry Company, 000	450077, Ufa, ul. Tzuryupi, 77	Tel.: +7 (347) 276-15-00, 925-19-00 morozow_312007@mail.ru
Sergeevsky LPH, OAO	692887, Krasnoyarsky Krai, Partizansky rayon, selo Sergeevka, Vtoraya Rabochaya ul., 10B	Tel. +7 (4236) 52-75-38, slph@list.ru
Severyanin, ZAO	164110, Arkhangelskaya obl., Kargopol, ul. Bolnichnaya, 2a	Tel.: +7 (81841) 2-13-80, 2-14-71 building@atnet.ru
Shuyales, ZAO	186130, Respublika Karelia, Pryazhinsky rayon, ul. Pervomayskaya, 11a	Tel./fax: +7 (81456) 4-53-68, 4-53-72 shuiales@karelia.ru
Sibailesprom, OAO	453833, Respublika Bashkortostan, Sibai, P.O. Box 11	Tel. +7 (347) 752-07-45, fax +7 (347) 752-07-40, sibayles@rambler.ru
Siberian Lumbering Company, ZAO	628248, KhMAO – Yugra, Sovetsky rayon, pos Alyabyevsky, ul. Novosyolov, 5A	Tel.: +7 (34675) 39-670, 43-483, siblk@bk.ru
Sibinkom, 000	634000, Tomsk, ul. Pushkina, 61	Tel.: +7 (3822) 23-00-20, 58-60-70, sibinkom@inbox.ru, www.sibinkom.ru
Slavles, 000	152023, Yaroslavskaya obl., Pereslavl-Zalessky, ul. Zheleznodorzhnaya, 1	Tel.: +7 (48535) 3-89-14, 3-06-04, 3-10-14, slavles2008@yandex.ru, www.slles.ru
Solombalales, Managing Company, OAO	163059, Arkhangelsk, ul. Kirovskaya, 4	Tel.: +7 (8182) 67-96-70, 67-96-00, ivan.borodin@soles.ru, www.solombala.com
Stroylesprom, ZAO	352571, Krasnodarsky Krai, pos. Mostovsky, Stroitelnaya ul., 4	Tel.: +7 (861-92) 5-31-91, 5-46-63, stroifortuna@mail.ru
Surgutmebel, ZAO	628450, KhMAO – Yugra, Surgutsky rayon, pos Borisovo	Tel. +7 (3462) 41-30-70, sells@surgutmebel.ru
Swedwood Karelia, 000	186930, Respublika Karelia, Kostomuksha, shosse Gornyakov, 201	Tel. +7 (81459) 9-74-00 fax +7 (81459) 9-74-33 polina.mayurova@swedwood.com www.swedwood.com
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Terneyles, OAO	692152, Primorsky Krai, Terneisky rayon, pos. Plastun	Tel.: +7 (4237) 43-31-28, 43-46-10, 43-49-08, company@terneyles.ru, www.terneyles.ru
Timber Complex, 000	157510, Kostromskaya obl., Sharya, pgt. Vetluzhsky, ul. Pervomayskaya, 22A	Tel./fax: +7 (49449) 5-56-09, 5-58-19, lpk@lpk-sharya.ru, www.shardok.ru
Titan, Group of Companies	163000, Arkhangelsk, ul. Pomorskaya, 7	Tel. +7 (8182) 46-24-92 Tel./fax +7 (8182) 20-58- 31 office@titans.su www.titangroup.ru
Torsky Sawmill, ZAO	628246, KhMAO – Yugra, Sovetsky rayon, pos. Agirish, Sportivnaya Str, 18	Tel. +7 (34675) 41-876

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Trubchevsky DOZ, 000	242220, Bryanskaya obl., Trubchevsk, ul. Komsomolskaya, 60	Tel. +7 (48352) 743-99-47
UPM-Kymmene Pestovo, 000	174510, Novgorodskaya obl, Pestovo, ul. Zavodskaya, 13	Tel. +7 (81669) 555-63, upm.pestovo@upm-kymmene.com, www.upm.com
Ustyales, OAO	165210, Arkhangelskaya obl., Ustyansky rayon, pgt. Oktyabrsky, ul. Zavodskaya, 17	Tel. +7 (81855) 5-13-10 ustyales@atnet.ru
Ustyansky Timber Industry Comlex, 000	165234, Arkhangelskaya obl., Ustyansky rayon, selo Bereznik, ul. Molodezhnaya, 20	Tel. +7 (81855) 6-12-65 fax +7 (81855) 6-12-24 ulkust@mail.ru, www.ulkust.ru
Vatan, ZAO	353590, Krasnodarsky Krai, Mostovsky rayon, pos. Uzlovoi, promzona	Tel.: +7 (86192) 6-64-30, +7 (928) 660-91-73
Verkhneketsky LPK, OAO	636500, Tomskaya obl., Verkhneketsky rayon, pos. Bely Yar, ul. Tayezhnaya, 1d	Tel.: +7 (3822) 26-58-90, 26-55-49, forestgroup@mail.ru, www.vlpk.tomsk.ru
Vologdalesprom Corporation, OAO	160000, Vologda, ul. Lermontova, 15	Tel. +7 (8172) 72-89-01, fax +7 (8172) 72-51-07, vkles@vologda.ru, www.vologdalesprom.ru
Vologodskiye Lesopromyshlenniki, ZAO	160004, Vologda, ul. Blagoveshcenskaya, 47	Tel.: +7 (8172) 72-88-18, info@volwood.ru, www.volwood.ru
Voskresenskoye Timber-Processing Plant, 000	606735, Nizhegorodskaya obl., Voskresenky rayon, pos. Kalinikha, Beregovaya ul., 27	Tel.: +7 (83163) 9-42-37, 9-42-78, 9-42-46, 9-42-00
Vyaznikovsky Lespromkhoz, OAO	601442, Vladimirskaya obl., Vyazniki, ul. Derzhavina, 45	Tel./ fax +7 (49233) 2-03-28, pankovo46@mail.ru
Vyksales, OAO	607060, Nizhegorodskaya obl., Vyksa, ul. Slepnyova, 13	Tel.: +7 (831-77) 3-18-45,3-08-44,3-48-64, vyksales@rambler.ru, www.vyksales.vorgs.ru
Wood Sawing Plants of Yugra, ZAO (part of Yugra Timber Holding)	628242, KhMAO – Yugra, Sovetsky, ul. Lenina, 47	Tel.: +7 (346-75) 38-090, 38-064, 38-066, lzu@bk.ru, www.ugratimber.com
YuBor, 000	186930, Respublika Karelia, Kostomuksha, ul. Stroiteley, 7a	Tel. +7 (81459) 5-42-48 fax +7 (81459) 5-45-94
Yugra Timber Holding	628011, KhMAO – Yugra, Khanty-Mansiysk, ul. Roznina, 17	Tel: +7 (3467)35-62-73, fax: +7 (3467)36-30-33, www.ugratimber.com
Zabota O Lese, NP LPK	433460, Ulyanovskaya obl., Staromaynsky rayon, Rab. pos. Staraya Maina, ul. Gorkogo, 67	Tel./fax +7 (84230) 2-23-85, zabotaolese@mail.ru
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Zelenoborsky Sawmill, ZAO	628248, KhMAO – Yugra, Sovetsky rayon, pos. Zelenoborsky, ul. Politekhnicheskaya,17	Tel.: +7 (346-75) 47-154, 41-155

WOOD-SAWING

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Almazy Anabara, OAO	677000, Respublika Sakha, Yakutsk, ul. Chernyshevskogo, 6	Tel.: +7 (4112) 42-01-02, 45-01-00, 44-16-06 office@alanab.ru, www.alanab.ykt.ru
Almis PKP, 000	610000, Kirov, ul. Gertsena, 21	Tel.: +7 (8332) 70-82-51, 70-82-52, almis@wd.kirov.ru, www.almiswood.com
ALROSA-Lena, Shipping Company, OAO	678144, Respublika Sakha, Lensk, ul. Naberezhnaya, 59	Tel. +7 (4113) 74-65-38, fax +7 (4113) 74-65-34
Altai-Forest, 000	658000, Altai, Talmensky rayon, pos. Larichikha, ul. Talmenskaya, 13	Tel.: +7 (38591) 3-22-53, 3-22-41, 2-22-34, alforest2007@yandex.ru, www.altaiforest.ru
Altayles Forest Holding Company, 000	656056, Altaisky Krai, Barnaul, ul. Proletarskaya, 61	Tel./fax +7 (3852) 63-41-80, altailes@altailes.com, www.altailes.com
Amursky DOK, OAO	682640, Khabarovskaya obl., Amursky rayon, Amursk, Zapadnoye shosse, 55	Tel. +7 (4214) 22-84-50
Amzinsky Woodworking Factory, OAO (a part of the Bashkir Timber Industry Company)	452695, Respublika Bashkortostan, Nevtekamsk, Poselok Amzia, ul. Sverdlova, 12	Tel.: +7 (348) 32-43-98, 32-45-40
Apsheronskaya lumbering company, ZAO	352678, Krasnodarsky Krai, pos. Chernigovskoye, ul. Komsomolskaya, 1	Tel. +7 (861 52) 34-145
Arkhahgelsky LDK #3, OAO	163026, Arkhangelsk, ul. Rodionova, 25	Tel. +7 (8182) 67-77-24, fax (8182) 67-76-39, office@arhldk3.ru
Arkhahgelsky Woodworking Mill #1, 000	163038, Arkhangelsk, ul. Dokovskaya, 6/2	Tel.: +7(8182) 45-13-16, 45-14-67, arhdok@mail.ru, seleninov@arhdok.ru



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AVA Company, ZAO	644073, Omsk, Vtoraya Solnechnaya Ul, 57	Tel.: +7 (3812) 39-49-59, 72-00-65, info@ava-company.com, www.ava-company.com
Avziansky Logging-Lumbering Enterprise, 000	453524, Respublika Bashkortostan, Beloretsky rayon, Poselok Verkhny Avzian, ul. Lenina, 1	Tel.: +7 (347) 927-72-36
Badinsky Kompleksny Lespromkhoz, 0A0	665740, Irkutskaya obl., Bratsky rayon, pos. Pokosnoye, ul. Sibirskaya, 18	Tel. +7 (3953) 40-26-32
Baikalskaya Lesnaya Kompania, OAO	670013, Respublika Buryatia, Ulan-Ude, ul. Kluchevskaya, 21	Tel. +7 (3012) 43-10-40, fax +7 (3012) 37-46-33
Bashkir Timber Industry Company, Holding	450019, Ufa, ul. Rizhskaya, 5	Tel./fax: +7 (347) 291-72-61, 291-72-71, export@bashles.ru, www.bashles.ru
Belokholunitsky House-Building Plant, 000	613200, Kirovskaya obl., Belaya Kholunitsa, ul. Naberezhnaya, 44	Tel.: +7 (83364) 4-10-40, 4-18-16, fax +7 (83364) 4-16-35, admin@bdsk.ru , www.bdsk.ru
Belozersky LPH, OAO	161200, Vologodskaya obl., Belozersk, Tretia Internatsionalnaya ul., 2	Tel.: +7 (8175) 62-26-44, 62-11-45, fax +7 (8175) 62-14-08
Bely Medved, ZAO	163039, Arkhangelskaya obl., Promorsky rayon, Zelenoborsky promuzel #7	Tel.: +7 (8182) 45-08-77, 45-13-35, fax +7 (8182) 45-13-45, wbusov@rambler.ru
Berezovsky Woodprocessing Plant, ZAO	628259, KhMAO – Yugra, Sovetsky rayon, pos. Taezhny, ul. Mira, 4,	Tel.: +7 (34675) 44-898, 44-805
Beryozovsky Lespromkhoz, OAO	613810, Kirovskaya obl., pgt Oparino, ul. Stakhanovkaya, 2	Tel.: +7 (83353) 2-21-50, 2-21-55, 2-21-54, ber2014@yandex.ru
Biysk Floatable Bureau, 000	659304, Respublika Altai, Biysk, Granichnaya, 29	Tel.: (3854) 33-37-66, 33-33-66
Biysk Woodworking Plant, OAO	659315, Respublika Altai, Biysk, ul. Socialisticheskay., 17	Tel.: +7 (3854) 23-59-70, 34-24-15, biysk_dok@yourline.ru
Bryansksnables, 000	241020, Bryansk, Moskovsky Proezd, 44	Tel.: +7 (4832) 63-76-08, 63-76-09, fax +7 (4832) 63-76-08, snables@online.debryansk.ru, www.snables.debryansk.ru
Cherepovetsky Plywood-Furniture Mill, ZAO	162604, Vologodskaya obl., Cherepovets, ul. Proyezzhaya, 4	Tel.: +7 (8202) 29-11-95, 29-13-64, 29-79-73, fmk@metacom.ru
Cherepovetsles, LHK, OAO	162602, Vologodskaya obl., Cherepovets, ul. Lenina, 80	Tel. +7 (8202) 22-12-30, fax +7 (8202) 51-84-53, info@cherles.ru, www.cherles.com
Chuguevskaya Timber-Processing Company, ZAO	692180, Primorsky Krai, selo Chuguevka, ul. Chapaeva, 1A	Tel. +7 (4237) 22-32-27, chlpk@rambler.ru, www.chlpk.com
Chunales, 000	665514, Irkutskaya obl., Chunsky rayon, pos. Chunsky, Severny micro-rayon	Tel. +7 (3956) 72-04-16
Continental Management Timber Industrial Company, 000	123022, Moscow, ul. Rochdelskaya, 15, stroenie 8	Tel. +7 (495) 775-35-66, fax +7 (495) 775-17-88, info@lpk-km.ru, www.lpk-km.ru
Dallesstroy, OAO	680030, Khabarovsk, Fabrichny prosp., 2	Tel.: +7 (4212) 21-61-66, 21-95-58, 21-71-70, 21-46-03
Detchinsky Woodworking Plant, 000	249080, Kaluzhskaya obl., Maloyaroslavetsky rayon, S. Detchino	Tel./fax: +7 (48431) 2-91-81, 2-93-28, dlz123@kaluga.ru, www.detchinodok.ru
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DOK No.17	129128, Moscow, prosp. Mira, 188Б	Tel.: +7 (495) 187-31-00, 181-60-00, info@dok17.ru, www.dok17.ru
DOK No.1	115404, Moscow, Shestaya Radialnaya ul., 17	Tel.: +7 (495) 327-35-15, 327-35-16, 327-92-05
DOK No.3, OAO	109202, Moscow, ul. Pervaya Karacharovskaya, 8	Tel.: +7 (495) 171-09-04, 171-65-59, 171-65-15, dok-3@id.ru
DOK, 000	188560, Leningradskaya obl., Slantsy, ul. Krasnaya, 1	Tel. +7 (81374) 2-11-07, dok.sl@konrad.spb.ru
Domostroitel, OAO	612950, Kirovskaya obl., Vyatskopolyansky rayon, pos. Krasnaya Polyana, ul. Druzhbi, 1	Tel +7 (83334) 5-30-01, fax +7 (83334) 5-31-01, office@domo.kirov.ru, www.domo.kirov.ru
DOTs plus, 000	241903, Bryanskaya obl., Bryansky rayon, pos. Bolshoye Polpino, ul. Inzhenernaya, 25	Tel. +7 (4832) 28-50-82, fax +7 (4832) 28-52-47, bond_parket@online.bryansk.ru, www.dots.4br.ru
Drevprom, 000	156000, Kostroma, ul. Lenina, 10	Tel./fax +7 (4942) 45-32-11, pkp-drevprom@mail.ru, www.drevprom.ru
Dubrovsky Doz, OAO	404002, Volgogradskaya obl., Dubovka, ul. Stepnaya, 1	Tel.: +7 (84458) 3-29-61, 3-29-68, 3-17-52
Engineer, Process plant, 000	634000, Tomsk, ul. Vysotskogo, 33, stroenie 3	Tel.: +7 (3822) 63-38-45, 63-38-44, ingenert@yandex.ru
Europan PF, 000	142784, Moskovskaya obl., Leninsky rayon, Gorodskoje Poselenije Moskovsky, der. Rumyantsevo, Stroenije 2, Etazh 3, Blok B, kom. 311	Tel. +7 (499) 940-12-80, europan@europan.ru, www.europan.ru

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Finkoles, 000	634063, Tomsk, ul. Borovaya, 5	Tel. +7 (3822) 73-60-20, finkoles@rambler.ru, www.finkoles.ru
Focus Wood, 000	249096, Kaluzhskaya obl., Maklino Village, ul. Kirova, 1	Tel.: +7 (48431) 3-62-41, (4843) 15-22-25, fax +7 (484) 315-22-40, www.kareliaupofloor.ru
Gatchinskaya Lesnaya Gruppa, 000	188350, Leningradskaya obl., Gatchina, Promzona-1, micro-rayon 6	Tel.: +7 (8137) 19-00-71, 19-02-14, mail@gfg.ru, gfg_@mail.ru
GornozavodskLesProm, 000	614045, Perm, ul. Krasnova, 30	Tel.: +7 (342) 238-83-41, 238-83-35, info@gzlp.ru, www.gzlp.ru
Igorievsky Woodworking Plant, OAO	215645, Smolenskaya obl., Kholm-Zhirkovsky rayon, Igorievskaya station	Tel.: +7 (48139) 2-62-19, 4-14-79, secretar@oaoidk.ru
Ilim Timber Industry, Holding, 000	197022, St. Peterburg, Aptekarskaya nab., 20, lit. A	Tel.: +7 (812) 332-26-84, 718-63-18, www.ilimtimber.com
Investlesprom, ZAO	119180, Moscow, Brodnikov prosp., 4	Tel. +7 (495) 500-30-51, www.investlesprom.ru
Inzales, 000 (Les, NP UNPK)	433030, Ulyanovskaya obl., Inza, ul. Transportnaya, 5	Tel.: +7 (84241) 2-63-14, 2-64-65, Tel./fax +7 (84241) 2-42-03, npunpk.les@mail.ru
Izhmash DOZ, OAO	426052, Izhevsk, ul. Lesozavodskaya, 23	Tel.: +7 (3412) 71-29-23, 71-17-47, www.dozizhmash.ru
Karelia-Upofloor CIS, LLC	249096, Kaluzhskaya obl., Maloyaroslavetsky rayon, S. Maklino, ul. Kirova, 1	Tel.: +7 (48431) 5-22-25, fax +7 (48431) 5-22-40, sales@kareliaupofloor.com, www.kareliaupofloor.ru
Karsikko, Group of Companies	625056, KhMAO – Yugra, Sovetsky, Yuzhnaya promzona	Tel./fax: +7 (34675) 3-70-11, 3-70-12, forest@karsikko.ru, www.karsikko.ru
KazLesInvest-Tomsk	634009, Tomsk, per. Sacco, 4	Tel. +7 (3822) 40-81-24, info@rklpk.ru
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Kilmezsky Forestry Complex, OAO	613570, Kirovskaya obl., pgt Kilmez, ul. Naberezhnaya, 26	Tel. +7 (83338) 2-11-75, fax +7 (83338) 2-12-78
Kipelovo, TI Concern, OAO (a part of Investlesprom)	160035, Vologda, Kozlyonskaya ul., 42, office 501	Tel.: +7 (8172) 72-48-20, 72-02-54, fax +7 (8172) 72-37-35, kipelovo@kfe.vologda.ru, www.investlesprom.ru
Kirovsky MDK, OAO	610007, Kirov, ul. Lesozavodskaya, 10A	Tel. +7 (8332) 37-02-28, fax +7 (8332) 64-42-73, kmdk@yandex.ru, www.favor-kuhni.ru
Koda Les Regional Timber Company, 000	628011, KhMAO – Yugra, Khanty-Mansiysk, ul. Komsomolskaya, 30	Tel. +7 (3467) 35-51-46, fax (3467) 33-13-61, office@kodales.ru, www.kodales.ru
Kodek, ZAO	610017, Kirov, ul. Vorovskogo, 48	Tel.: +7 (8332) 57-68-57, 57-89-10, kodek@firm.kirov.ru, www.komi-dom.ru
Kokorevsky DOZ, 000	242160, Bryanskaya obl., Suzemsky rayon, pos. Kokorevka, ul. Lenina, 2	Tel. +7 (48353) 2-81-00, tel./fax +7 (48353) 2-83- 46,
		kokdoz32@mail.ru, www.kokdoz-ooo.ru
Kolchugino Furniture Plant, 000 (a part of Group of Companies DOK Kolchugino)	601780, Vladimirskaya obl., Kolchugino, ul. Kolchuginskaya, 1	Tel./fax: 245-24-31, 245-24-61, mail@mfkinfo.ru www.mfkinfo.ru
Komsomolsky Woodworking Enterprise, OAO	155150, Ivanovskaya obl., Komsomolsk, ul. Chaikovskogo, 14	Tel.: +7 (49352) 2-24-92, 2-19-41
Kostomukshskaya Construction Company, 000	186930, Respublika Karelia, Kostomuksha, P.O.B 140	Tel. +7 (81459) 7-05-95, fax +7 (81459) 3-51-73, kck@onego.ru
Kostroma Timber Company, 000	156961, Kostroma, ul. Komsomolskaya, 4	Tel. +7 (4942) 31-79-00, fax +7 (4942) 31-30-07, pavlov@kmtn.ru, www.lpk-kostroma.ru
Kotlassky LDK, 000	165304, Arkhangelskaya obl., Kotlas, ul. Saltykova-Schedrina, 2b	Tel.: +7 (81837) 3-98-53, 3-97-98, 3-97-95, kldk@atnet.ru
Kovrovsky Lesokombinat, OAO	601902, Vladimirskaya obl., Kovrov, ul. Leskhoznaya, 4	Tel.: +7 (49232) 4-86-15, 2-13-44, fax +7 (49232) 2-10-20, lescom.buh@rambler.ru
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Krasny Oktyabr, DOK, OAO	625001, Tyumen, ul. Kombinatskaya, 60	Tel. +7 (3452) 23-88-66, info@dokko.ru, www.dokko.ru
Kumales, ZAO	628205, KhMAO – Yugra, Kondinsky rayon, pos. Kuminsky, ul. Pochtovaya, 51	Tel.: +7 (34677) 39-148, 39-126
Les Export, OAO	690000, Vladivostok, Partizansky prosp., 44	Tel. +7 (4232) 42-49-95, info@lesexport.com, www.lesexport.com
Lesagrostroy, ZAO	352121, Krasnodarsky Krai, Tikhoretsk, ul. Volgogradskaya, 4	Tel.: +7 (918) 200-07-30, +7 (961) 587-20-11, terminal_4@mail.ru



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Vyksales, OAO	607060, Nizhegorodskaya obl., Vyksa, ul. Slepnyova, 13	Tel.: +7 (831-77) 3-18-45,3-08-44,3-48-64, vyksales@rambler.ru, www.vyksales.vorgs.ru
Wood sawing plants of Yugra, ZAO	628242, KhMAO – Yugra, Sovetsky, ul. Lenina, 47	Tel.: +7 (346-75) 38-090, 38-064, 38-066, lzu@bk.ru, www.ugratimber.com
Yenisey Woodworking Company, 000	662520, Krasnoyarski Krai, Beryozovsky rayon, pgt. Beryozovka, ul. Traktovaya, 87	Tel. +7 (391) 255-51-21, fax +7 (391) 255-50-82, site@dok-enisey.ru, www.dok-enisey.ru
Yugra Timber Holding	628011, KhMAO – Yugra, Khanty-Mansiysk, ul. Roznina, 17	Tel: +7 (3467)35-62-73, fax: +7 (3467) 36-30-33, www.ugratimber.com
Zagros, ZAO	627140, Tymenskaya obl., Zavodoukovsky rayon, pos. Komsomolsky, ul. Trudovaya, 2	Tel.: +7 (3452) 73-13-28, 7-14-14, zagros@mail.ru, www.zagros.ru
Zapkarelles, ZAO	186870, Respublika Karelia, Suoyarvi, ul. Gagarina, 28	Tel.: +7 (8145) 75-13-51, (8145) 75-13-14, fax +7 (8145) 75-12-65, post@zapkarelles.ru, www.zapkarelles.ru
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Zuevsky Wood-Sawing Mill, 000	612410, Kirovskaya obl., Zuevka, ul. Vodoprovodnaya, 12	Tel./fax +7 (83337) 2-05-24

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Aka, 000	606910, Nizhegorodskaya obl., Shakhunsky rayon, der. Stolbovo, ul. Zapadnaya, 1A	Tel.: +7 (83152) 34-2-64, 34-2-65, aka-nn@yandex.ru, www.aka-nn.ru
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AlKor, 000	157200, Kostromskaya obl., Galich, ul. Lenina, 32	Tel./fax +7 (49437) 2-11-00, mpalkor@yandex.ru, www.mpalkor.ru
Altayles Forest Holding Company, 000	656056, Altaisky Krai, Barnaul, ul. Proletarskaya, 61	Tel./fax +7 (3852) 63-41-80, altailes@altailes.com, www.altailes.com
Ansem, ZAO	606008, Nizhegorodskaya obl., Dzerzhinskaya, ul. Avtomobilnaya, 157	Tel.: +7 (8313) 26-61-26, (920) 250-58-06, (920) 058-37-79, tatiana250285@gmail.com, www.zao-ansem.ru
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Arkhangelsky Plywood Mill, ZAO	164900, Arkhangelskaya obl., Novodvinsk, ul. Frontovykh Brigad, 14	Tel.: +7 (81852) 6-35-94, 4-27-70, fax +7 (81852) 4-32-64, info@arkpf.ru sekretar@arkpf.ru www.arkpf.ru
Art-les, ZAO	623780, Sverdlovskaya obl., Artyomovsky, ul. Prilepskogo, 2A	Tel.: +7 (343) 372-25-02, 632-70-62, art-les@mail.ru, www.art-les.ru
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Baikalskaya Lesnaya Kompania, OAO	670013, Respublika Buryatia, Ulan-Ude, ul. Kluchevskaya, 21	Tel. +7 (3012) 43-10-40, fax +7 (3012) 37-46-33
Balashikhinsky Woodworking Plant, OAO	143900, Moskovskaya obl., Balashikha, ul. Sovetskaya, 35	Tel.: +7 (495) 529-22-52, 521-88-80, www.balwald.ru
Balatovsky DOZ, 000	614990, Perm, ul. Ryazanskaya, 105	Tel.: +7 (342) 226-62-23, 226-02-18, td-doz@list.ru
Bashkir Timber Industry Company, Holding	450019, Ufa, ul. Rizhskaya, 5	Tel./fax: +7 (347) 291-72-61, 291-72-71, export@bashles.ru, www.bashles.ru
Belezinsky DOK, 000	427551, Respublika Udmurtia, pos. Balezino, ul. Shkolnaya, 1	Tel.: +7 (34166) 2-27-49, 2-17-78, 2-26-40, balez@zpic.ru



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Belsky DOK, OAO	450112, Respublika Bashkortostan, Ufa, ul. Voikova, 1	Tel.: +7 (347) 242-52-17, 242-32-15, beldok@mail.ru
Bereg Door Plant, 000	432072, Ulyanovsk, Proezd Inzhenerny, Stroenije 17	Tel.: +7 (8422) 73-02-93, 26-54-01, fax +7 (8422) 26-54-00, dveribereg@mail.ru, www.dveribereg.com
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Bratsklesstroy, ZAO	665708, Irkutskaya obl., Bratsk, ul. Yuzhnaya, 18A	Tel.: +7 (3953) 43-53-86, 43-53-86, 43-92-26
Bryansk Plywood Plant, 000	242250, Bryanskaya obl., Trubchevsky rayon, pos. Belaya Beryozka, ul. Dzerzhinskogo 3	Tel. +7 (4832) 2-47-24
Bumex, Lahdenpohsky Plywood Mill, 000	186730, Respublika Karelia, Lahdenpohya, ul. Zavodskaya, 24	Tel. +7 (81450) 22-109, fax +7 (81450) 22-424, www.bumex.ru
Cherepovetsky Plywood-Furniture Mill, ZAO	162604, Vologodskaya obl., Cherepovets, ul. Proyezzhaya, 4	Tel.: +7 (8202) 29-11-95, 29-13-64, 29-79-73, fmk@metacom.ru
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Demidovo Plywood Plant, 000	601201, Vladimirskaya obl., Sobinsky rayon, Derevnya Demidovo	Tel.: +7 (49242) 4-12-73, 4-22-00 dfk-secretar@demidovo.ru www.demidovo.ru
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DOK No.17	129128, Moscow, prosp. Mira, 188Б	Tel.: +7 (495) 187-31-00, 181-60-00, info@dok17.ru, www.dok17.ru
DOK No.3, OAO	109202, Moscow, ul. Pervaya Karacharovskaya, 8	Tel.: +7 (495) 171-09-04, 171-65-59, 171-65-15, dok-3@id.ru
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Dyatkovsky DOZ, OAO	242600, Bryanskaya obl., Dyatkovo, ul. Lenina, 225	Tel.: +7 (4833) 33-21-45, 33-45-54, DDoz@dyatkovo.ru, www.dyatkovo-LDSP.ru
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Europan PF, 000	142784, Moskovskaya obl., Leninsky rayon, Gorodskoje Poselenije Moskovsky, der. Rumyantsevo, Stroenije 2, Etazh 3, Blok B, kom. 311	Tel. +7 (499) 940-12-80, europan@europan.ru, www.europan.ru
Eurostandard, ZAO	214016, Smolensk, ul. Soboleva, 113	Tel.: +7 (4812) 67-31-62, 68-32-11, 38-98-47, eurostandart@sci.smolensk.ru, www.eurostandart.com
Extra Forest, 000	142160, Moskovskaya obl., Podolsky rayon, der. Lvovo	Tel. +7 (4967) 50-67-57, extraforest@rambler.ru, www.exfor.ru
Fancom, 000	121609, Moscow, Rublyovskoie shosse, 36/2, office 253	Tel.: +7 (495) 415-43-76, 415-43-26, info@fancom.ru, www.fancom.ru

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Fenix Matches Plant, 000	610004, Kirov, ul. Krasnoi Zvezdi, 17	Tel.: +7 (8332) 62-20-92, 35-02-13, fax +7 (8332) 35-01-39, f-match@rambler.ru, www.feniksmatch.com
Fenix, 000	242130, Bryanskaya obl., Navlinsky rayon, pos. Navlya, ul. Promishlennaya, 3	Tel.+7 (920) 605-21-02, fax +7 (4832) 74-04-04, dudenkov@pallet32.ru, www.pallet32.ru
Fores, 000	152023, Yaroslavskaya obl., Pereslavl-Zalessky, ul. Vokzalnaya, 20	Tel.: +7 (48535) 3-25-55, 3-44-50, ooofores@mail.ru, www.pereslavl-okna-dveri.ru
Forest, 000	242190, Bryanskaya obl., Suzemsky rayon, pos. Suzemka, ul. Khozvetka, 33	Tel.: +7 (48353) 2-15-96, 2-16-77, fax +7 (48353) 2-15-96, forest200979@mail.ru, www.oforest.ru
Furniture Components Factory, 000	127410, Moscow, Altufievskoie shosse, 79A	Tel. +7 (495) 748-77-55, fax +7 (495) 748-67-00, sale@ztmk.ru, www.ztmk.ru
Gros, 000	241520, Bryanskaya obl., Bryansky rayon, pos. Suponevo, ul. Shosseinaya, 3	Tel. +7 (4832) 92-95-53, 92-99-17, ekaterina.gros-09@yandex.ru, www.gros-stroy.ru
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Igorievsky Woodworking Plant, OAO	215645, Smolenskaya obl., Kholm-Zhirkovsky rayon, Igorievskaya station	Tel.: +7 (48139) 2-62-19, 4-14-79, secretar@oaoidk.ru
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Investlesprom, ZAO	119180, Moscow, Brodnikov prosp., 4	Tel. +7 (495) 500-30-51, www.investlesprom.ru
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Kedr PKP, 000	153032, Ivanovo, ul. Stankostroiteley, 5	Tel.: +7 (4932) 23-65-45, 29-56-08, fax +7 (4932) 34-52-68, www.pkp-kedr.ru
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Kolchugino Furniture Plant, 000 (a part of Group of Companies DOK Kolchugino)	601780, Vladimirskaya obl., Kolchugino, ul. Kolchuginskaya, 1	Tel./fax: 245-24-31, 245-24-61, mail@mfkinfo.ru www.mfkinfo.ru
Kotelnichesky Mast-Impregnating Plant, ZAO	612600, Kirovskaya obl., Kotelnich, ul. Polosa Otvoda, 13	Tel.: +7 (83342) 4-06-61, 4-01-48, kmpz@mail.ru, www.kmpz.su
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Kuzovatovsky Timber Plant, 000	432063, Ulyanovsk, per. Kuznetsova, 14	Tel./fax +7 (8422) 49-00-00, dina.mv@mail.ru
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Lesobalt, 000	236010, Kaliningrad, ul. Rucheynaya, 7	Tel.: +7 (4012) 728-817, 728-831, fax +7 (4012) 728-823 ivanets@lesobalt.com, www.lesobalt.ru
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Mariysky Paper Mill, OAO	425000, Respublika Mari-El, Volzhsk, ul. Karla Marksa, 10	Tel. +7 (83631) 2-01-73
Massiv, 000	157332, Kostromskaya obl., Neya, ul. Nelsha, 2A	Tel./fax +7 (49444) 2-23-19, elenamassiv@rambler.ru, www.massivcom.ru
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Russkaya Lesnaya Gruppa, 000	125009, Moscow, Voznesensky per., 11, stroenie 1	Tel. +7 (495) 988-30-76, info@rusles.ru, www.rusles.ru
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Siberian Woodworking Company, 200	644901, Omsk, Beregovoy microrayon, ul. Irtyshskaya, 1A	Tel.: +7 (3812) 98-20-22, 98-20-48, sibleskom@mail.ru
Sibintegra, ZAO	634009, Tomsk, ul. Rosy Luxemburg, 39A	Tel.: +7 (3822) 51-05-89, 51-63-74, sibintegra@tomsk.ru, http://stolyar.tomsk.ru
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Solombalales, Managing Company, DAO	163059, Arkhangelsk, ul. Kirovskaya, 4	Tel.: +7 (8182) 67-96-70, 67-96-00, ivan.borodin@soles.ru, www.solombala.com
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Sverdles, production association, DAO	620026, Yekaterinburg, ul. Michurina, 132	Tel.: +7 (343) 261-24-10, 261-38-38, export@svles.ru, www.svles.ru
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Syktyvkar Plywood Mill, 000	167026, Syktyvkar, Ukhtinkoe shosse, 66	Tel.: +7 (8212) 29-37-71, +7 (8212) 29-37-72, fax +7 (8212) 29-37-73, export@plypan.ru, www.plypan.com
Faiga, Woodworking Company, 000	634049, Tomsk, ul. Michurina, 20, office 501	Tel.: +7 (3822) 66-93-10, 66-02-53, taiga-tomsk@yandex.ru, www.taiga.tomsk.ru
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Timber-Processing Mill, FGU	607060, Nizhegorodskaya obl., Vyksa, ul. Zaprudnaya, 2	Tel.; +7 (83177) 3-10-75, 3-05-66, 3-10-72
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Tomlesdrev LPO, 000	634024, Tomsk, Vtoroy posyolok LPO, 109/3	Tel. +7 (3822) 58-79-34, tomld@mail.tomsknet.ru, www.tomlesdrev.ru
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PRODUCTION OF PLYWOOD AND WOOD-BASED PANELS

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Bumex, Lahdenpohsky Plywood Mill, 000	186730, Respublika Karelia, Lahdenpohya, ul. Zavodskaya, 24	Tel. +7 (81450) 22-109, fax +7 (81450) 22-424, www.bumex.ru
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Dyatkovsky DOZ, OAO	242600, Bryanskaya obl., Dyatkovo, ul. Lenina, 225	Tel.: +7 (4833) 33-21-45, 33-45-54, ddoz@dyatkovo.ru, www.dyatkovo-ldsp.ru
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Novovyatsky Ski Mill, OAO	610008, Kirov, ul. Sovetskaya, 28	Tel./fax +7 (8332) 30-98-00, nlk@nlk.ru, www.nlk.ru
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Eurostandard, ZAO	214016, Smolensk, ul. Soboleva, 113	Tel.: +7 (4812) 67-31-62, 68-32-11, 38-98-47, eurostandart@sci.smolensk.ru, www.eurostandart.com
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FasCo, 000	680013, Khabarovsk, ul. Lermontova, 3	Tel. +7 (4212) 42-50-24, fasko_oxy@factory.khn.ru
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Forte Rus, 000	600016, Vladimir, ul. Dobroselskaya, 4a	Tel.: +7 (4922) 21-17-01, 31-27-08, fax +7 (4922) 21-19-01, 21-07-37
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Grol, 000, Furniture Plant	634000, Tomsk, ul. Profsoyuznaya, 2/4	Tel.: +7 (3822) 46-36-10, 46-36-20, 46-36-30, www.grol.ru
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Ladoga Furniture Plant, 000	190103, St. Petersburg, ul. Dvenadtsataya Krasnoarmeyskaya, 26	Tel. +7 (812) 331-01-55, www.ladoga-spb.ru
Lamarty, Furniture Plant (a part of Syktyvkar Plywood Mill)	167026, Syktyvkar, Ukhtinkoe shosse, 66	Tel.: +7 (8212) 29-37-77, 62-02-76, fax +7 (8212) 62-79-24, info@lamarty.ru, www.lamarty.ru
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Mebelnaya Manufaktura, 000	630039, Novosibirsk, ul. Nikitina, 100, office 1	Tel. +7 (383) 212-49-10, www.mebel.sib.ru
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Mytischinsky Woodworking Plant, DAO	141033, Moskovskaya obl., Mytischinsky rayon. pos. Pirogovo, 2	Tel.: +7 (495) 588-41-33, 588-41-66, www.mdoz.ru
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Nairi, Furniture Plant, 000	432072, Ulynovsk, Ulyanovsky Pr., 10	Tel.: +7 (84230) 7-12-03, 7-11-85, nairitorg@mail.ru, www.nairimebel.ru
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Office-Direct, Holding	115419, Moscow, Vtoroy Verkhny Mikhailovsky proezd, 9, office 317	Tel.: +7 (495) 727-14-62, 989-25-54, www.office-direct.biz
Omega-Holding, Production Company	601901, Vladimirskaya obl., Kovrov	Tel.: +7 (49232) 34-621, (910) 187-16-50, mrp@pochta.ru, www.dveri-kovrov.ru
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Phares, 000	610029, Kirov, pos. Ganino, ul. Fabrichnaya, 19	Tel.: +7 (8332) 55-77-00, 55-77-04, phares-marketing@mail.ru, www.phares.ru
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Cardboard Plus, 000	196084, St. Petersburg, ul. Parkovaya, 6	Tel. +7 (812) 327-79-17, fax +7 (812) 327-79-17, 33@kartonplus.com, www.kartonplus.ru
Cardboard-Bindery Mill, 000	400120, Volgograd, ul. Eletskaya, 587	Tel.: +7 (8442) 97-80-13, 97-80-06
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Paper Mill, 000	400120, Volgograd, ul. Kariernaya, 20	Tel.: +7 (8442) 97-56-89, 97-56-90
PCBK, ZAO	614037, Perm, ul. Bumazhnikov, 1	Tel. +7 (3422) 63-90-90, 63-92-50, pcbk@pcbk.perm.ru, www.pcbk.perm.ru
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Rostovpaper, ZAO	344082, Rostov-na-Donu, B. Sadovaya ul., 1	Tel. +7 (8632) 40-24-62
Russkaya Bumaga ALL Produkziya, 000	241020, Bryansk, Moskovsky Proezd, 10A	Tel.: +7 (4832) 63-53-78, 73-76-60, Fax: +7 (4832) 63-53-78, 73-76-60, office@rusbum.net, www.rusbum.net
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Selenginsky Pulp-Cardboard Mill, OAO (a part of Continental Management Timber Industrial Company)	671247, Respublika Buryatia, Kabansky rayon, pos. Selenginsk	Tel.: +7 (30138) 7-42-32, 7-42-02, 7-44-40, 4-12-70 fax: +7 (30138) 7-45-52, 7-37-91, sckk@sckk.net, www.sckkbur.ru, www.lpk-km.ru
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Troitskaya Paper Mill, OAO (a part of Continental Management Timber Industrial Company)	249834, Kaluzhskaya obl., Dzerzhinsky rayon, Kondrovo, ul. Mayakovskogo, 1	Tel.: +7 (48434) 3-32-21, 3-39-55, 3-37-68, tbf@kaluga.ru, www.tbf.ru, www.lpk-km.ru
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STOD, 000 (Talion Terra Plant)	172011, Tverskaya obl., Torzhok, ul. Staritskaya, 96A	Tel. +7 (48251) 277-40, fax +7 (48251) 277-40, info@ultralam.com, www.ultralam.com
Teplouniversal, 000	173002, Veliky Novgorod, ul. Germana, 1a	Tel. +7 (8162) 77-96-29, heatuniv@rol.ru
Topgranmash, 000	119048, Moscow, ul. Usacheva, 11, stroenie 33	Tel.: +7 (495) 775-06-65, 981-13-98, 937-65-57, info@topgran.ru, www.topgran.ru
Tyumen Pyrolysis Mill, ZAO	625517, Tyumenskaya obl., Tyumensky rajon, selo Parenkina	Tel./fax: +7 (3452) 696-441, 97-44-49, 74-02-26, zaotpz2005@mail.ru, www.piroliz72.ru
Ural Biofuel Company, 000	620072, Yekaterinburg, ul. Panelnaya, 13	Tel +7 (343) 356-53-00, imbral@sky.ru
VEEK, 000	182100, Pskovskaya obl, Velikiye Luki, prosp. Gagarina, 127A	
VologdaBioExport, 000	194044, St. Petersburg, Krapivny pereulok, 5, businesscenter Globus	Tel./fax: +7 (812) 542-36-27, 973-78-31, info@vologdabioexport.ru, www.vologdabioexport.ru
Vologdalesprom Corporation, OAO	160000, Vologda, ul. Lermontova, 15	Tel. +7 (8172) 72-89-01, fax +7 (8172) 72-51-07, vkles@vologda.ru, www.vologdalesprom.ru
Vyatsky Plywood Mill, 000	610013, Kirov, Novoviatsky rayon, ul. Kommuni, 1	Tel. +7 (8332) 71-38-00, fax +7 (8332) 71-38-88, vfk@kirovcity.ru
Vyborgskaya Cellyuloza, OAO	188918, Leningradskaya obl., Vyborgsky rayon, pos. Sovetsky, Zavodskaya ul., 1	Tel.: +7 (81378) 71-848, 73-400, fax +7 (813 78) 7-46-46, email@vybcell.ru, www.vybcell.ru
Yenisey Woodworking Company, 000	662520, Krasnoyarski Krai, Beryozovsky rayon, pgt. Beryozovka, ul. Traktovaya, 87	Tel. +7 (391) 255-51-21, fax +7 (391) 255-50-82, site@dok-enisey.ru, www.dok-enisey.ru



MAJOR WORLD-WIDE EXHIBITIONS IN 2011

Date	Fair	City	Organizer/Location	Contacts	
February, 9–11	Machine Tool Construction. Woodworking 2011	Naberezhnye Chelny, Russian Federation	VC "Expo-Kama"	+7 (8552) 34-67-53, 35-92-43 expokama@mail.ru, www.expokama.ru	
February, 10–13	Door & Door Hardware	Istanbul, Turkey	Demos Fairs	+90 212 288 02 06, info@doorfair.com, www.doorfair.com	
February, 14–17	ZOW 2011	Bad Salzuflen, Germany	Clarion Survey GmbH, Messe Ostwestfalen GmbH / Exhibition Centre Bad Salzuflen	+49 521 96533-66, service@clarionsurvey.de, www.zow.de	
February, 21–24	Wood Build China 2011	Shanghai, China	Deutsche Messe AG, CIE (China International Exhibitions)/ Shanghai New International Exhibition Center (SNIEC)	+86 21 6209 5209, woodmac@chinaallworld.com, www.chinaallworld.com	
March, 1–4	Wood Mac China 2011	Shanghai, China	Deutsche Messe AG, CIE (China International Exhibitions)/ Shanghai New International Exhibition Center (SNIEC)	+86 21 6209 5209, woodmac@chinaallworld.com, www.chinaallworld.com	
Macrh, 15–18	UzBuild. MebelExpo	Tashkent, Uzbeki- stan	UzEzpocenter	+ 998 71 113-01-80, www.mebelexpo.uzbuild.uz	
March, 22–24	DOMOTEX Asia ChinaFloor 2011	Shanghai, China	Deutsche Messe AG, VNU Exhibitions/ Shanghai New International Exhibition Center (SNIEC)	www.domotexasiachinafloor.com	
March, 22–24	AltayStroy-2011	Gorno-Altaysk (Altai Republic)	National Theater of Gorno-Altaysk	+7 (3852) 66-71-89, +7 (913) 252-83-30, www.altaystroy.ru	
March, 24–25	LESPROM	Syktyvkar, Russian Federation	"Komi Expo" 000, Komi Chamber of Indus- tries and Commerce, Center of International Trade	+7 (8212) 20-61-22/19 komiexpo@tppkomi.ru	
March, 25–26	International Scientific and Technical Conference "Current Problems of Mechanical Wood Technology"	St.Petersburg, Russian Federation	St.Petersburg State Forestry Academy	+7 (812) 640-98-68, fi@lesprominform.ru	
March, 29–31	Furniture-Interior 2011. UralLesDrevMash	Yekaterinburg, Russian Federation	V0 "Ural Fairs-2000"/ Center of International Trade "Yekaterinburg"	+7 (343) 3-100-330, +7 (343) 355-51-95, postovalova@uv66.ru, vystavka@uv2000.ru, www.uv2000.ru	
March, 29 – April, 1	DREMA 2011	Poznan, Poland	International Poznan Fairs	+48 (61) 869-20-00, 866-58-27, info@mtp.pl, www.drema.pl	
March, 30 – April, 2	UMIDS. Southern Furniture and Woodworking Saloon	Krasnodar, Russian Federation	VC "KrasnodarEXPO"	+7 (861) 210-98-93, 279-34-19, mebel@krasnodarexpo.ru, www.krasnodarexpo.ru	
April, 5–8	MosBuild	Moscow, Russian Federation	ZVK "Expocenter"	+7 (495) 935-73-50, www.mosbuild.com	
April, 6–8	Forest and Woodworking	Arkhangelsk, Russian Federation	VC "Pomorskaya Fair"/ Palace of Sport and Labor Union	+7 (8182) 20-10-31, 21-46-16, 65-25-22, info@pomfair.ru, www.pomfair.ru	
April, 12–14	2nd International Conference "Timber Industry of the Russian Federation 2011: logging, woodworking and wooden products"	Moscow, Russian Federation	Adam Smith Institute	+44 20 7017 7442, mekhriban@adamsmithconferences.com www.adamsmithconferences.com/ru/prc012	
April, 20–21	UBF-2011. The 3rd Ukrainian Biofuel Forum	Kiev, Ukraine	Fuel Alternative, APEU / President Hotel	+38 044 498 90 56/57, conference@fuelalternative.com.ua, www.fuelalternative.com.ua	
April, 21–24	Wooden House Construction / Hol- zhaus	Moscow, Russian Federation	Exhibition Holding MVK, RADEKK / MVC "Crocus Expo"	+7 (495) 268-95-11, 268-99-14, 982-50-65, rta@mvk.ru, www.holzhaus.ru	
April, 21–24	TEKHNODREV Far East 2011	Khabarovsk, Russian Federation	OAO "Khabarovsk International Fair", VO "RESTEC"/ Track and Field Arena of the Stadium V.I. Lenin	+7 (812) 320-96-84, 320-96-94, tekhnodrev@restec.ru, www.restec.ru/tekhnodrev/ +7 (4212) 56-61-29, 56-47-36, forest@khabexpo.ru, www.khabexpo.ru	
April, 27–29	Spring Biofuel Congress 2011	St.Petersburg, Russian Federation	Biofuel Portal Wood-Pellets.com / "Holiday Inn Moscow's Gate"	+7 (812) 640-98-68, fi@lesprominform.ru	
May, 11–13	Lesdrevtekh 2011	Minsk, Republic of Belarus	NVC "Belexpo"	+375-17 334-01-31, 334-24-13, kirya@belexpo.by, www.belexpo.by	
May, 17–20	Euroexpomebel / EEM'2011 Intercom- plect/ Interzum Moscow-2011	Moscow, Russian Federation	Exhibition Holding MVK / MVC "Crocus Expo"	+7 (495) 268-14-07, 925-34-13, avn@mvk.ru, www.eem.ru	
May, 18–20	WOODBUILD, ENERGY & TECHNOLO- GIES (wooden construction, energo- efficiency and technologies)	St.Petersburg, Russian Federation	Company e4win, Forum Holzbau, Garden City, NP "Association of Wooden House Construc- tion", Expocenter Garden City	+7 (812) 335 82 48, +49 (0) 341 600 766 17, t.semenova@gardencity.ru, www.woodbuild.de	

Date	Fair	City	Organizer/Location	Contacts
May, 25–28	interzum 2011	Köln, Germany	Koelnmesse GmbH	+ 49 1805 077 050, www.interzum.de
May, 26–28	SkogsElmia 2011	Jonkoping, Sweden	Bratteborgs gård (30 km to South from Jonkoping)	+46 36 15 21 93, per.jonsson@elmia.se, www.elmia.se/skogselmia
May, 26–28	Lestekhstroi 2011	Khanty-Mansiysk, Russian Federation	VC Yugra-Expo	+7 (3467) 35-95-86, 36-30-10 Expo_energy@wsmail.ru, www.yugcont.ru
May, 30 – June, 3	LIGNA 2011	Hannover, Germany	Deutsche Messe	+49 511 89-0, www.ligna.de
31 May – 4 June	STT/ Building Machinery and Technologies	Moscow, Russian Federation	Media Globe/ MVC "Crocus Expo"	+7 (495) 961-22-62, 961-22-67, info@mediaglobe.ru, www.mediaglobe.ru/ctt_exhibition/
June, 8–10	Woodworking. Intermebel-2011	Kazan, Russian Fed- eration	VC "Kazan Fair"	+7 (843) 570-51-11, 570-51-07, kazanexpo@telebit.ru, www.expokazan.ru
June, 8–11	Forest and Woodworking-2011	Almaty, Kazakhstan	KZDS "Atakent"	+7 (727) 258-25-35, 275-13-57, gulmira@exibitions.kz
June, 21–24	Lespromindustria 2011	Nizhny Novgorod, Russian Federation	Nizhegorodskaya Fair	+7 (831) 277-54-96, 277-55-89, pressa@yarmarka.ru, www.yarmarka.ru
June, 22–25	Interles 2011	Petrozavodsk, Rus- sian Federation	VO "RESTEC"	+7 (812) 320-96-84, 320-96-94, www.restec.ru/interles
September, 6–9	Hi Woodtech	Herning, Denmark	SMT	+45 9926 9926, mch@mch.dk, www.hi-industri.dk
September, 7–9	Wood & Bioenergy	Jyvaskyla, Finland	VK "Krasnoyarsk Fair", VO "RESTEC"/ MVDZ "Siberia"	+358 14 334 0031, info@jklmessut.fi, www.jklmessut.fi
September, 13–16	TEKHNODREV Siberia	Krasnoyarsk, Rus- sian Federation	VK "Krasnoyarsk Fair", VO "RESTEC"/ MVDZ "Siberia"	+7 (391) 22-88-400, tekhnodrev@krasfair.ru, www.krasfair.ru, +7 (812) 320-96-84, 320-96-94, tekhnodrev@restec.ru, www.restec.ru
September, 13–16	FEMADE 2011	Curitiba, Brazil	Deutsche Messe/ Expotrade Convention Center	+55 41 3027 6707, femade@hanover.com. br, www.feirafemade.com.br
September, 20–23	Lisderevmash 2011	Kiev, Ukraine	AKKO International/ MVC	+380 (44) 456-38-04, 456-38-08, www.acco.ua
October, 4–6	XIII Petersburg International Forestry Forum	St.Petersburg, Rus- sian Federation	VO "RESTEC"/ VK "Lenexpo"	+7 (812) 303-88-69, 320-96-84, wood@restec.ru, forum@restec.ru, www.spiff.ru
October, 4–6	TEKHNODREV. Transles. Wooden Construction. Regions of Russia. Pulp Paper and Tissue Russia	St.Petersburg, Rus- sian Federation	VO "RSTEC"/ VK "Lenexpo"	+7 (812) 320-96-84, 320-96-94, wood@restec.ru, www.restec.ru
October, 7–10	Alternative Energy – 2011	Moscow, Russian Federation	Ministry of Agriculture of Russian Federa- tion, OAO "GAO VVC"/ All-Russian Exhibition Center	+7 (495) 748-37-70, husainova@apkvvc.ru, www.apkvvc.ru, www.alt-energy.ru
October, 11–14	Siblesopolzovanie. Lesprombusiness	Irkutsk, Russian Federation	OAO "SibExpoCenter"	+ 7 (3952) 35-30-33, 35-43-47, sibexpo@mail.ru, www.sibexpo.ru
October, 15–19	Wood Processing Machinery	Istanbul, Turkey	TUYAP Fair and Exhibitions Organization Inc.	+7 (495) 775-31-45, 775-31-47, tuyapmoscow@tuyap.com.tr, www.tuyap.com.tr
October, 18–21	Woodtec 2011	Brno, Czech Re- public	Trade Fairs Brno/ Exhibition Center Brno	+420 541 153 297, wood-tec@bvv.cz, www.wood-tec.cz
October, 19–22	SICAM 2011	Pordenone, Italy	Fiera di Pordenone	+39 02 86995712 info@exposicam.it, www.exposicam.it
October 25–28	FIMMA Valencia	Valencia, Spain	Feria Valencia	+34 902 74 7330, feriavalencia@feriavalencia.com, www.feriavalencia.com
November	Wooden House Construction / HOL- ZHAUS	Moscow, Russian Federation	Exhibition Holding MVK, RADEKK / MVC "Cro- cus Expo"	+7 (495) 268-95-11, 268-99-14, 982-50-65, rta@mvk.ru, www.holzhaus.ru
November, 7–9	16th Yearly Conference "Pulp-and- Paper Industry of Russia and CIS Countries"	Vienna, Austria	Adam Smith Institute / Mariott Hotel	+44 (20) 7017 7339/ 7444, Lyudmyla@adamsmithconferences.com, www.adamsmithconferences.com
November, 21–25	ZOW 2011	Moscow, Russian Federation	BO «РЕСТЭК», SURVEY Marketing + Consult- ing GmbH & Co. КG / ЦВК «Экспоцентр»	+7 (812) 320-80-96, 303-88-65, (495) 544-38-36 zow@restec.ru, fidexpo@restec.ru, www.zow.ru
November, 29 – December, 2	Woodex 2011	Moscow, Russian Federation	MVC "Crocus Expo", Pavilion 1	+7(495) 925-34-13, v_v@mvk.ru, www. woodexpo.ru
December, 7–9	Russian Forest 2011	Vologda, Russian Federation	Forestry Department of the Vologda Region / VC "Russky Dom"	+7 (8172) 72-92-97, 75-77-09, 21-01-65, rusdom@vologda.ru, www.russkidom.ru



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